



TABLES

II. Reports on Isolation/Detection of Viruses (including Rickettsiae and Chlamydiae)

**Reports from prefectural and municipal public health institutes
Isolation/detection of viruses from human sources**

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Table I. Isolation/detection of viruses from human sources, by month, Japan, 2008
-Prefectural and municipal public health institutes

	Based on the data received before August 3, 2010												
	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
T O T A L	14700	2338	1835	1289	1047	832	919	1046	580	598	681	1035	2500
Enterovirus not typed	230	2	17	8	2	9	7	3	5	30	57	37	53
Coxsackievirus A2	149	-	1	3	4	4	35	53	22	19	7	1	-
Coxsackievirus A3	4	-	-	-	-	1	-	3	-	-	-	-	-
Coxsackievirus A4	189	-	1	1	4	14	55	68	23	15	4	3	1
Coxsackievirus A5	15	-	-	-	-	-	1	12	2	-	-	-	-
Coxsackievirus A6	104	1	-	-	3	5	11	38	19	11	7	1	8
Coxsackievirus A7	1	-	-	-	-	-	1	-	-	-	-	-	-
Coxsackievirus A9	15	-	-	-	-	-	2	1	3	3	3	3	3
Coxsackievirus A10	102	-	-	1	1	-	9	28	13	15	7	13	15
Coxsackievirus A16	473	7	11	8	10	48	90	121	48	49	41	27	13
Coxsackievirus A24	1	-	-	-	-	-	-	1	-	-	-	-	-
Coxsackievirus B1	23	-	-	-	-	1	4	2	1	9	3	2	1
Coxsackievirus B2	23	1	-	-	-	3	-	5	2	7	2	1	2
Coxsackievirus B3	74	-	-	-	4	-	5	6	9	17	10	13	10
Coxsackievirus B4	66	1	3	3	1	2	6	11	9	9	11	6	4
Coxsackievirus B5	183	11	6	1	11	13	28	46	33	24	4	5	1
Echovirus not typed	1	-	-	-	-	-	-	-	-	-	1	-	-
Echovirus 3	5	-	-	-	-	-	-	1	-	1	-	-	2
Echovirus 4	1	-	-	-	-	-	-	1	-	-	-	-	-
Echovirus 5	36	-	-	-	2	6	13	7	2	3	2	-	1
Echovirus 6	27	1	-	-	-	-	2	5	5	2	8	2	2
Echovirus 7	8	-	-	-	-	-	1	1	2	1	2	1	-
Echovirus 9	63	-	-	-	2	1	1	6	3	14	10	15	11
Echovirus 11	20	-	-	-	1	-	-	3	2	4	1	1	8
Echovirus 13	2	-	-	-	-	-	-	-	-	-	-	-	2
Echovirus 14	4	-	-	-	-	-	-	2	1	1	-	-	-
Echovirus 16	47	-	-	-	-	-	13	17	11	5	1	-	-
Echovirus 18	41	-	2	-	1	4	6	13	8	4	1	1	1
Echovirus 24	2	-	-	-	-	-	1	1	-	-	-	-	-
Echovirus 30	238	2	3	4	3	10	31	57	50	35	23	9	11
Poliovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	53	-	-	2	9	3	5	3	1	4	17	6	3
Poliovirus 2	53	1	1	3	6	9	10	2	1	1	6	7	6
Poliovirus 3	47	1	-	-	7	13	4	2	-	1	8	4	7
Enterovirus 71	36	2	2	1	-	-	6	8	4	4	3	1	5
Parechovirus not typed	9	-	-	-	-	-	2	3	1	1	1	-	1
Parechovirus 1	23	1	1	-	-	1	1	1	2	6	5	3	2
Parechovirus 3	81	-	-	-	-	1	21	26	19	9	3	1	1
Rhinovirus	251	8	6	12	28	33	29	35	17	20	23	30	10
Aichivirus	1	-	1	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	2520	1174	724	184	9	1	-	1	1	-	4	25	397
Influenza virus A H1 N1	482	155	125	30	2	-	-	-	-	-	3	18	149
Influenza virus A H3 N unknown	846	34	54	114	80	46	26	6	5	3	18	123	337
Influenza virus A H3 N2	100	5	19	15	16	6	2	-	2	3	-	2	36
Influenza virus B	498	29	89	91	75	10	4	13	-	7	24	41	115
Influenza virus C	25	1	3	4	7	7	2	-	-	-	-	-	1
Parainfluenza virus not typed	1	-	-	-	-	-	-	-	-	1	-	-	-
Parainfluenza virus 1	28	2	2	-	2	4	1	-	4	6	3	2	2
Parainfluenza virus 2	55	1	-	1	3	2	1	2	2	7	16	10	10
Parainfluenza virus 3	147	-	1	-	7	20	58	37	16	3	4	1	-
Respiratory syncytial virus	603	59	23	16	12	5	13	20	25	47	103	148	132
Human metapneumovirus	190	35	29	59	40	14	4	6	-	1	-	2	-
Other coronavirus	1	-	-	1	-	-	-	-	-	-	-	-	-
Mumps virus	116	5	7	4	10	8	15	7	13	14	9	14	10
Measles virus not typed	65	2	3	18	7	7	14	5	3	6	-	-	-
Measles virus genotype A	8	-	2	3	-	-	2	-	-	1	-	-	-
Measles virus genotype D4	1	-	-	-	-	1	-	-	-	-	-	-	-
Measles virus genotype D5	187	29	17	24	34	37	34	9	1	-	1	-	1
Measles virus genotype H1	5	-	-	3	-	2	-	-	-	-	-	-	-
Rubella virus	4	-	1	-	-	2	1	-	-	-	-	-	-
Dengue virus not typed	2	-	-	-	-	-	-	1	-	-	-	1	-
Dengue virus 1	3	-	-	-	-	-	-	2	1	-	-	-	-
Dengue virus 2	3	1	-	-	-	-	1	-	-	1	-	-	-
Dengue virus 3	5	-	-	-	-	1	-	1	-	3	-	-	-
Dengue virus 4	1	-	1	-	-	-	-	-	-	-	-	-	-
Reovirus	7	-	-	3	1	-	-	2	-	-	-	-	1
Rotavirus group unknown	1	-	-	-	1	-	-	-	-	-	-	-	-
Rotavirus group A	771	40	131	256	223	72	19	-	2	1	2	3	22
Rotavirus group C	8	-	-	-	4	2	1	-	-	-	-	-	1
Astrovirus	47	1	4	4	2	8	8	3	6	1	2	2	6
Small round structured virus	7	1	-	-	1	1	1	-	-	-	-	-	3
Norovirus genogroup unknown	196	19	16	11	3	1	-	2	-	1	3	47	93
Norovirus genogroup I	257	26	65	92	32	12	13	2	-	-	-	4	11
Norovirus genogroup II	2207	493	283	124	183	115	38	12	4	10	20	199	726
Sapovirus genogroup unknown	159	17	14	17	8	8	13	12	2	1	12	22	33
Sapovirus genogroup I	24	2	1	3	-	-	2	3	-	-	-	9	4
Sapovirus genogroup II	2	-	-	-	-	1	-	-	-	-	1	-	-
Sapovirus genogroup IV	17	2	5	5	3	2	-	-	-	-	-	-	-
Sapovirus genogroup V	1	-	1	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	259	12	16	24	17	19	8	23	21	17	46	24	32
Adenovirus 1	195	14	14	21	23	23	25	23	5	7	9	10	21
Adenovirus 2	411	38	45	29	40	52	51	50	16	15	10	25	40
Adenovirus 3	431	19	22	19	21	28	51	82	53	27	24	39	46
Adenovirus 4	23	1	1	-	3	3	5	6	1	2	-	1	-
Adenovirus 5	145	27	12	12	7	22	15	12	6	4	6	10	12
Adenovirus 6	33	3	2	3	2	8	2	5	-	1	-	3	4
Adenovirus 7	26	1	1	1	3	3	2	6	2	1	4	2	-
Adenovirus 8	10	1	-	-	-	-	1	4	1	2	1	-	-
Adenovirus 11	17	2	1	2	1	2	-	-	4	3	1	-	1
Adenovirus 13	1	-	-	-	-	-	-	-	-	1	-	-	-
Adenovirus 19	5	1	2	-	-	-	-	-	1	-	-	1	-
Adenovirus 31	10	-	1	-	2	1	1	-	-	-	1	2	2
Adenovirus 34	1	-	-	-	-	-	-	-	1	-	-	-	-
Adenovirus 37	51	3	-	-	4	1	5	14	4	5	8	3	4
Adenovirus 40/41	50	3	3	4	9	10	9	5	3	2	1	-	1
Adenovirus 41	39	2	2	3	3	8	10	1	1	-	3	-	2
Herpes simplex virus not typed	17	5	2	1	2	2	-	-	-	-	-	-	17
Herpes simplex virus 1	103	8	9	8	12	13	10	14	4	8	6	8	3
Herpes simplex virus 2	34	2	1	2	-	5	1	5	2	5	5	2	4
Varicella-zoster virus	12	-	-	-	1	5	2	1	-	1	1	-	1
Cytomegalovirus	108	10	4	4	6	13	10	8	12	11	15	8	7
Human herpes virus 6	177	4	12	8	15	8	14	27	19	19	25	10	16
Human herpes virus 7	45	1	1	-	1	1	5	9	5	5	8	4	5
Epstein-Barr virus	93	6	3	3	5	8	11	11	5	15	6	10	10
Hepatitis A virus	1	-	-	-	-	1	-	-	-	-	-	-	-
Human papilloma virus	48	3	3	10	3	3	6	3	4	4	1	2	6
B19 virus	10	-	3	-	-	3	1	-	2	1	-	-	-
Human bocavirus	39	-	-	6	8	14	5	2	-	1	-	2	1
Parvovirus	4	-	-	-	-	-	-	-	-	-	-	2	2
<i>Orientia tsutsugamushi</i>	9	-											

Table II. Isolation/detection of viruses from human sources, by age of the source case, Japan, 2008

II-1. Age in years
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	AGE IN YEARS																	15- UNKNOWN
	TOTAL	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14		
TOTAL	14700	1843	2718	1338	988	927	820	708	610	508	420	339	261	229	130	141	2236	484
Enterovirus not typed	230	65	66	30	16	17	4	4	5	4	2	3	2	1	-	1	6	4
Coxsackievirus A2	149	7	39	23	24	19	11	10	3	3	2	1	2	1	-	1	-	3
Coxsackievirus A3	4	1	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	189	27	53	42	20	19	8	3	4	2	1	2	2	1	1	-	1	3
Coxsackievirus A5	15	1	6	1	2	2	2	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	104	18	28	13	14	9	10	3	1	-	-	-	-	1	-	-	3	4
Coxsackievirus A7	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	15	4	5	2	1	-	2	-	-	-	1	-	-	-	-	-	-	-
Coxsackievirus A10	102	10	24	18	20	8	9	4	2	3	1	-	1	1	-	-	1	-
Coxsackievirus A16	473	26	94	73	82	61	52	29	13	10	6	2	2	3	-	1	8	11
Coxsackievirus A24	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Coxsackievirus B1	23	12	3	1	2	1	2	2	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B2	23	4	5	4	1	1	1	1	2	1	-	-	-	-	-	-	2	1
Coxsackievirus B3	74	38	12	7	3	2	3	4	1	-	1	-	-	-	1	-	2	-
Coxsackievirus B4	66	20	14	7	3	2	4	3	3	2	1	2	-	-	2	-	2	1
Coxsackievirus B5	183	75	15	12	10	19	8	11	8	7	5	1	1	-	1	2	2	6
Echovirus not typed	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 3	5	-	1	2	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Echovirus 4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 5	36	18	9	3	-	4	-	1	-	-	-	-	-	-	-	1	-	-
Echovirus 6	27	7	2	1	2	3	2	4	-	-	-	-	-	1	-	-	4	1
Echovirus 7	8	4	1	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Echovirus 9	63	12	10	9	5	2	9	6	2	1	2	1	-	-	-	-	3	1
Echovirus 11	20	3	3	3	2	1	3	1	1	2	-	-	-	-	-	-	-	1
Echovirus 13	2	-	-	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Echovirus 14	4	2	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-
Echovirus 16	47	4	6	9	6	4	5	2	2	2	3	1	-	-	-	1	1	1
Echovirus 18	41	6	8	3	5	3	7	1	1	2	1	-	-	-	-	-	4	-
Echovirus 24	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 30	238	19	23	21	13	22	31	25	13	16	9	7	7	4	2	9	15	2
Poliovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	53	36	11	2	1	-	-	-	1	-	-	-	-	-	-	-	-	2
Poliovirus 2	53	31	15	3	-	1	2	-	-	-	-	-	-	1	-	-	-	-
Poliovirus 3	47	27	19	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enterovirus 71	36	7	10	6	4	1	4	1	2	-	-	-	-	-	-	-	1	-
Parachovirus not typed	9	2	3	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Parachovirus 1	23	14	5	1	-	1	-	-	1	-	-	-	-	1	-	-	1	2
Parachovirus 3	81	59	12	3	1	2	1	-	-	-	1	-	-	-	-	-	-	2
Rhinovirus	251	70	74	23	25	17	10	9	5	-	2	5	1	3	-	-	3	4
Aichivirus	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	2520	52	103	115	130	181	183	221	241	217	160	125	107	70	40	49	496	30
Influenza virus A H1 N1	482	3	14	19	20	35	33	36	40	40	32	26	17	14	15	5	131	2
Influenza virus A H3 N unknown	846	21	42	52	43	69	59	49	46	25	37	39	43	41	23	26	221	10
Influenza virus A H3 N2	100	2	3	8	3	5	8	6	2	7	3	1	3	6	5	1	33	4
Influenza virus B	498	5	16	14	20	33	47	35	57	29	48	32	29	25	15	4	86	3
Influenza virus C	25	2	12	3	2	2	1	-	-	1	-	-	-	1	-	-	1	-
Parainfluenza virus not typed	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	28	3	8	6	4	3	-	1	-	-	-	1	-	1	-	-	-	1
Parainfluenza virus 2	55	2	9	4	9	6	8	6	-	1	2	6	-	1	-	-	-	-
Parainfluenza virus 3	147	42	62	15	10	3	3	2	1	1	-	1	2	1	-	1	1	2
Respiratory syncytial virus	603	203	179	78	63	26	12	5	8	1	4	7	2	1	-	-	4	10
Human metapneumovirus	190	42	49	22	25	13	8	7	2	4	1	-	3	2	-	-	4	8
Other coronavirus	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps virus	116	1	7	10	16	13	14	10	8	17	3	6	1	2	-	1	6	1
Measles virus not typed	65	2	7	-	1	-	-	2	-	1	4	-	2	5	2	2	36	1
Measles virus genotype A	8	-	6	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Measles virus genotype D4	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	187	10	7	3	1	1	1	1	2	2	6	8	4	9	2	13	117	-
Measles virus genotype H1	5	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Rubella virus	4	-	1	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus not typed	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
Dengue virus 1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Dengue virus 2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-
Dengue virus 3	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Dengue virus 4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Reovirus	7	4	-	-	1	-	-	1	-	-	1	-	-	-	-	-	-	-
Rotavirus group unknown	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	771	157	276	131	60	32	23	16	17	6	6	3	2	1	2	-	20	19
Rotavirus group C	8	-	-	1	1	-	2	1	-	1	1	1	-	-	-	-	-	-
Astrovirus	47	9	11	3	8	4	1	-	1	2	-	-	2	1	1	-	3	1
Small round structured virus	7	1	1	-	-	1	-	-	-	1	-	1	-	-	-	-	2	-
Norovirus genogroup unknown	196	35	78	19	11	8	7	7	2	6	1	2	-	3	2	1	11	3
Norovirus genogroup I	257	8	19	16	5	13	12	22	13	14	17	4	2	2	-	1	80	29
Norovirus genogroup II	2207	205	471	170	91	72	63	56	33	27	28	20	9	13	9	12	653	275
Sapovirus genogroup unknown	159	18	58	12	10	11	9	7	5	2	3	3	1	-	3	-	10	7
Sapovirus genogroup I	24	3	4	3	2	4	3	2	-	-	1	-	-	1	-	-	1	-
Sapovirus genogroup II	2	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	17	1	6	1	1	-	1	1	-	1	1	1	-	-	-	-	1	2
Sapovirus genogroup V	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	259	41	71	32	21	25	8	6	7	3	2	4	1	2	-	1	32	3
Adenovirus 1	195	35	82	30	23	10	4	5	1	2	-	1	1	-	-	-	1	-
Adenovirus 2	411	71	175	60	35	23	20	8	3	4	2	1	2	1	-	2	3	1
Adenovirus 3	431	29	55	54	54	53	63	39	20	8	6	4	1	3	1	1	34	6
Adenovirus 4	23	-	-	1	1	2	6	1	2	4	1							

II-2. Age groups
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	AGE GROUP (AGE IN YEARS)											UNKNOWN
	TOTAL	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70-	
TOTAL	14700	7814	3066	1100	292	498	511	303	200	122	310	484
Enterovirus not typed	230	194	19	7	-	1	4	1	-	-	-	4
Coxsackievirus A2	149	112	29	5	-	-	-	-	-	-	-	3
Coxsackievirus A3	4	3	1	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	189	161	18	6	-	1	-	-	-	-	-	3
Coxsackievirus A5	15	12	3	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	104	82	14	1	1	-	2	-	-	-	-	4
Coxsackievirus A7	1	1	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	15	12	3	-	-	-	-	-	-	-	-	-
Coxsackievirus A10	102	80	19	2	1	-	-	-	-	-	-	-
Coxsackievirus A16	473	336	110	8	3	-	3	2	-	-	-	11
Coxsackievirus A24	1	-	-	-	-	-	-	1	-	-	-	-
Coxsackievirus B1	23	19	4	-	-	-	-	-	-	-	-	-
Coxsackievirus B2	23	15	5	-	1	1	-	-	-	-	-	1
Coxsackievirus B3	74	62	9	1	-	1	1	-	-	-	-	-
Coxsackievirus B4	66	46	13	4	-	1	-	-	-	-	-	1
Coxsackievirus B5	183	131	39	5	-	1	1	-	-	-	-	6
Echovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 3	5	4	1	-	-	-	-	-	-	-	-	-
Echovirus 4	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 5	36	34	1	1	-	-	-	-	-	-	-	-
Echovirus 6	27	15	6	1	-	1	2	-	1	-	-	1
Echovirus 7	8	7	1	-	-	-	-	-	-	-	-	-
Echovirus 9	63	38	20	1	1	-	1	1	-	-	-	1
Echovirus 11	20	12	7	-	-	-	-	-	-	-	-	1
Echovirus 13	2	1	1	-	-	-	-	-	-	-	-	-
Echovirus 14	4	3	1	-	-	-	-	-	-	-	-	-
Echovirus 16	47	29	14	2	1	-	-	-	-	-	-	1
Echovirus 18	41	25	12	-	1	1	2	-	-	-	-	-
Echovirus 24	2	2	-	-	-	-	-	-	-	-	-	-
Echovirus 30	238	98	94	29	10	2	2	1	-	-	-	2
Poliovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	53	50	1	-	-	-	-	-	-	-	-	2
Poliovirus 2	53	50	2	1	-	-	-	-	-	-	-	-
Poliovirus 3	47	47	-	-	-	-	-	-	-	-	-	-
Enterovirus 71	36	28	7	-	1	-	-	-	-	-	-	-
Parechovirus not typed	9	8	1	-	-	-	-	-	-	-	-	-
Parechovirus 1	23	21	1	1	-	-	-	-	-	-	-	-
Parechovirus 3	81	77	2	-	-	-	-	-	-	-	-	2
Rhinovirus	251	209	26	9	1	2	-	-	-	-	-	4
Aichi virus	1	1	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	2520	581	1022	391	59	125	147	92	42	16	15	30
Influenza virus A H1 N1	482	91	181	77	22	31	39	24	8	7	-	2
Influenza virus A H3 N unknown	846	227	216	172	37	54	48	30	25	16	11	10
Influenza virus A H3 N2	100	21	26	16	6	7	8	7	3	1	1	4
Influenza virus B	498	88	216	105	10	12	25	12	15	5	7	3
Influenza virus C	25	21	2	2	-	-	-	-	-	-	-	-
Parainfluenza virus not typed	1	1	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	28	24	1	2	-	-	-	-	-	-	-	1
Parainfluenza virus 2	55	30	17	7	-	-	-	-	-	-	-	1
Parainfluenza virus 3	147	132	7	5	-	-	1	-	-	-	-	2
Respiratory syncytial virus	603	549	30	10	-	1	2	-	1	-	-	10
Human metapneumovirus	190	151	22	5	1	-	1	2	-	-	-	8
Other coronavirus	1	1	-	-	-	-	-	-	-	-	-	-
Mumps virus	116	47	52	10	1	2	2	1	-	-	-	1
Measles virus not typed	65	10	7	11	13	21	1	1	-	-	-	1
Measles virus genotype A	8	6	-	1	-	-	-	-	-	-	-	1
Measles virus genotype D4	1	1	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	187	22	12	36	66	35	16	-	-	-	-	-
Measles virus genotype H1	5	4	-	-	-	-	1	-	-	-	-	-
Rubella virus	4	4	-	-	-	-	-	-	-	-	-	-
Dengue virus not typed	2	-	-	-	-	1	-	-	-	-	-	1
Dengue virus 1	3	-	-	-	1	1	1	-	-	-	-	-
Dengue virus 2	3	-	-	-	-	3	-	-	-	-	-	-
Dengue virus 3	5	-	-	-	1	1	1	1	1	-	-	-
Dengue virus 4	1	-	-	-	-	-	1	-	-	-	-	-
Reovirus	7	5	2	-	-	-	-	-	-	-	-	-
Rotavirus group unknown	1	1	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	771	656	68	8	4	1	3	-	4	1	7	19
Rotavirus group C	8	2	5	1	-	-	-	-	-	-	-	-
Astrovirus	47	35	4	4	1	-	-	-	1	-	1	1
Small round structured virus	7	3	1	1	-	-	-	-	-	-	2	-
Norovirus genogroup unknown	196	151	23	8	-	2	4	3	-	1	1	3
Norovirus genogroup I	257	61	78	9	3	14	22	11	16	8	6	29
Norovirus genogroup II	2207	1009	207	63	36	121	81	65	62	48	240	275
Sapovirus genogroup unknown	159	109	26	7	-	1	1	6	-	1	1	7
Sapovirus genogroup I	24	16	6	1	-	-	-	1	-	-	-	-
Sapovirus genogroup II	2	1	-	-	-	1	-	-	-	-	-	-
Sapovirus genogroup IV	17	9	4	1	-	-	-	1	-	-	-	2
Sapovirus genogroup V	1	1	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	259	190	26	8	1	2	9	4	2	3	11	3
Adenovirus 1	195	180	12	2	-	-	1	-	-	-	-	-
Adenovirus 2	411	364	37	6	1	-	1	-	1	-	-	1
Adenovirus 3	431	245	136	10	4	3	21	3	1	2	-	6
Adenovirus 4	23	4	14	1	1	1	2	-	-	-	-	-
Adenovirus 5	145	120	19	2	-	1	1	-	-	-	-	2
Adenovirus 6	33	31	2	-	-	-	-	-	-	-	-	-
Adenovirus 7	26	20	2	1	-	-	1	1	-	-	1	-
Adenovirus 8	10	2	1	-	-	2	1	1	-	-	-	3
Adenovirus 11	17	4	5	1	-	-	2	1	1	1	-	1
Adenovirus 13	1	-	-	-	-	-	1	-	-	-	-	-
Adenovirus 19	5	-	-	-	-	-	2	1	1	-	-	-
Adenovirus 31	10	8	2	-	-	-	-	-	-	-	-	-
Adenovirus 34	1	-	1	-	-	-	-	-	-	-	-	-
Adenovirus 37	51	2	1	1	-	13	13	9	5	3	3	1
Adenovirus 40/41	50	41	6	2	-	-	-	-	-	-	-	1
Adenovirus 41	39	38	-	-	-	-	-	-	-	-	-	1
Herpes simplex virus not typed	17	7	6	3	1	-	-	-	-	-	-	-
Herpes simplex virus 1	103	57	21	4	-	7	7	-	1	2	2	2
Herpes simplex virus 2	34	1	1	-	1	10	6	8	5	1	-	1
Varicella-zoster virus	12	7	4	1	-	-	-	-	-	-	-	-
Cytomegalovirus	108	100	3	4	-	-	1	-	-	-	-	-
Human herpes virus 6	177	168	4	3	-	-	-	-	-	-	-	2
Human herpes virus 7	45	40	3	2	-	-	-	-	-	-	-	-
Epstein-Barr virus	93	43	34	12	-	-	-	1	1	-	1	1
Hepatitis A virus	1	-	-	-	-	-	-	-	-	-	-	-
Human papilloma virus	48	-	-	-	1	12	17	10	3	5	-	-
B19 virus	10	4	6	-	-	-	-	-	-	-	-	-
Human bocavirus	39	38	-	-	-	-	-	-	-	-	-	1
Parvovirus	4	2	1	-	-	-	1	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	9	-	-	-	-	-	-	1	3	2	3	-
<i>Rickettsia japonica</i>	41	4	1	-	-	1	-	3	3	6	23	-

* See page 114 for detection by PCR-positive (other methods were not done or negative).

II-3. Age in months of infants
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	AGE IN MONTHS											UNKNOW	
	0	1	2	3	4	5	6	7	8	9	10		11
TOTAL	99	154	118	88	72	110	118	142	204	196	234	250	58
Enterovirus not typed	5	11	3	1	1	4	4	1	7	8	9	10	1
Coxsackievirus A2	-	-	1	-	-	1	-	-	-	1	2	2	-
Coxsackievirus A3	-	-	-	-	-	-	-	-	-	-	-	1	-
Coxsackievirus A4	-	1	2	1	2	1	2	-	1	2	9	6	-
Coxsackievirus A5	-	-	-	-	-	-	-	-	-	-	-	1	-
Coxsackievirus A6	-	1	-	-	2	2	-	2	2	3	5	1	-
Coxsackievirus A7	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	-	1	1	-	-	-	-	-	-	-	2	-	-
Coxsackievirus A10	1	-	-	-	-	-	2	1	-	1	3	1	1
Coxsackievirus A16	1	2	2	2	2	1	1	1	2	5	3	4	-
Coxsackievirus A24	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B1	5	2	3	-	-	-	-	1	-	1	-	-	-
Coxsackievirus B2	-	1	1	-	-	-	-	1	-	-	-	-	1
Coxsackievirus B3	9	12	7	2	-	1	-	4	-	1	-	-	2
Coxsackievirus B4	5	6	4	1	-	-	1	-	-	-	1	-	2
Coxsackievirus B5	24	13	7	5	1	2	3	2	5	2	3	2	6
Echovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 5	3	3	2	2	-	1	1	1	-	1	4	-	-
Echovirus 6	4	2	-	-	-	-	-	-	-	-	1	-	-
Echovirus 7	1	1	1	1	-	-	-	-	-	-	-	-	-
Echovirus 9	1	2	2	1	-	-	-	-	2	-	1	1	2
Echovirus 11	-	1	-	-	-	-	1	-	-	-	-	-	1
Echovirus 13	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 14	-	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 16	-	1	-	-	-	-	1	1	-	-	1	-	-
Echovirus 18	-	-	1	1	-	-	-	-	2	1	1	-	-
Echovirus 24	-	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 30	6	4	1	-	2	3	1	-	-	1	1	-	-
Poliovirus not typed	-	-	-	-	-	-	-	-	-	-	1	-	-
Poliovirus 1	-	-	-	-	1	4	6	6	6	7	1	4	1
Poliovirus 2	-	1	-	-	2	6	1	7	10	1	-	2	1
Poliovirus 3	-	1	-	-	-	1	-	4	7	1	4	9	-
Enterovirus 71	-	1	2	1	-	-	-	-	-	-	2	-	1
Parvovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-
Parvovirus 1	-	-	1	-	1	-	1	2	1	3	3	2	-
Parvovirus 3	16	20	10	3	3	-	-	2	-	1	-	4	-
Rhinovirus	1	4	7	8	7	6	5	3	5	7	7	10	-
Aichivirus	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	-	-	4	2	2	3	3	3	3	5	9	14	4
Influenza virus A H1 N1	-	-	-	-	1	-	-	1	-	-	-	1	-
Influenza virus A H3 N unknown	-	2	1	2	1	-	-	2	5	1	4	1	2
Influenza virus A H3 N2	-	-	-	-	-	1	-	-	-	1	-	-	-
Influenza virus B	-	-	1	1	-	1	-	-	-	-	-	2	-
Influenza virus C	-	-	-	-	-	-	-	-	-	1	1	-	-
Parainfluenza virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	-	-	-	-	-	-	-	1	-	-	1	-	-
Parainfluenza virus 2	-	-	-	-	-	-	-	1	1	-	-	-	-
Parainfluenza virus 3	-	3	-	1	4	2	5	5	3	7	5	6	1
Respiratory syncytial virus	6	24	24	19	12	20	12	13	19	13	16	23	2
Human metapneumovirus	2	1	4	3	2	3	4	3	7	4	3	5	1
Other coronavirus	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps virus	-	-	-	-	-	-	-	1	-	-	-	-	-
Measles virus not typed	-	-	-	-	-	-	-	1	-	-	-	1	-
Measles virus genotype A	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D4	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	-	-	-	-	-	-	-	2	1	1	2	4	-
Measles virus genotype H1	-	-	-	-	-	-	1	-	-	1	-	1	-
Rubella virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Reovirus	-	1	-	-	-	-	1	1	-	-	1	-	-
Rotavirus group unknown	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	-	9	4	8	7	15	11	7	20	23	24	23	6
Rotavirus group C	-	-	-	-	-	-	-	-	-	-	-	-	-
Astrovirus	-	-	-	-	-	2	4	2	1	-	-	-	-
Small round structured virus	-	-	-	-	-	-	-	-	-	1	-	-	-
Norovirus genogroup unknown	-	-	1	1	1	-	5	3	5	5	11	3	-
Norovirus genogroup I	-	-	-	1	-	-	1	-	1	1	3	1	-
Norovirus genogroup II	3	3	2	7	2	10	13	23	27	28	31	38	18
Sapovirus genogroup unknown	-	1	1	-	3	-	-	-	5	2	3	3	-
Sapovirus genogroup I	-	-	-	-	-	-	-	-	1	1	1	-	-
Sapovirus genogroup II	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	-	-	-	-	-	-	-	-	-	1	-	-	-
Sapovirus genogroup V	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	1	3	2	1	3	4	7	2	4	1	5	7	1
Adenovirus 1	-	2	2	-	1	2	3	2	8	10	4	1	-
Adenovirus 2	-	5	-	-	2	2	6	3	13	15	10	15	-
Adenovirus 3	-	-	-	-	1	3	1	2	9	4	3	5	1
Adenovirus 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 5	-	1	2	2	-	1	3	-	1	2	5	2	-
Adenovirus 6	-	-	1	-	-	1	-	-	2	1	1	2	-
Adenovirus 7	-	-	-	1	-	-	-	1	3	-	-	-	-
Adenovirus 8	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 11	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 13	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 19	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 31	-	-	-	-	1	1	1	1	-	1	-	1	-
Adenovirus 34	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 37	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 40/41	-	1	-	3	-	-	-	-	-	2	1	2	-
Adenovirus 41	-	-	1	-	2	1	1	1	2	3	2	1	-
Herpes simplex virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Herpes simplex virus 1	1	1	1	-	-	-	-	1	-	-	3	-	-
Herpes simplex virus 2	-	-	-	-	-	-	-	-	-	1	-	-	-
Varicella-zoster virus	-	-	-	-	-	-	-	-	-	1	-	-	-
Cytomegalovirus	1	2	6	5	4	2	2	6	4	2	4	6	2
Human herpes virus 6	2	2	1	1	-	4	4	7	10	6	9	12	-
Human herpes virus 7	-	-	-	-	-	-	-	1	1	1	1	-	-
Epstein-Barr virus	-	-	-	-	-	-	-	4	1	-	-	1	-
Hepatitis A virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Human papilloma virus	-	-	-	-	-	-	-	-	-	-	-	-	-
B19 virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Human bocavirus	-	-	-	1	-	-	1	2	3	3	2	4	-
Parvovirus	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Rickettsia japonica</i>	-	-	-	2	-	-	-	-	-	-	-	1	-

* See page 115 for detection by PCR-positive (other methods were not done or negative).

Table III. Isolation/detection of viruses from human sources, by gender of the source case, Japan, 2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	TOTAL	MALE													FEMALE													UNKNOWN	GENDER UNKNOWN
		AGE GROUP (AGE IN YEARS)													AGE GROUP (AGE IN YEARS)														
		0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70+	UNKNOWN	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70+	UNKNOWN						
TOTAL	14700	7923	4303	1667	609	179	261	255	153	101	68	86	241	6578	3412	1372	475	113	231	252	150	97	53	222	201	199			
Enterovirus not typed	230	120	102	11	3	-	-	1	1	-	-	-	-	2	110	92	8	4	-	1	3	-	-	-	-	2	-		
Coxsackievirus A2	149	82	57	23	2	-	-	-	-	-	-	-	-	-	64	54	6	2	-	-	-	-	-	-	-	2	3		
Coxsackievirus A3	4	3	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Coxsackievirus A4	189	98	82	10	4	-	-	-	-	-	-	-	-	2	86	74	8	2	-	1	-	-	-	-	-	1	5		
Coxsackievirus A5	15	7	7	-	-	-	-	-	-	-	-	-	-	-	8	5	3	-	-	-	-	-	-	-	-	-	-		
Coxsackievirus A6	104	66	53	8	1	1	-	1	-	-	-	-	-	2	38	29	6	-	-	1	-	-	-	-	-	2	-		
Coxsackievirus A7	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Coxsackievirus A9	15	11	10	1	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-		
Coxsackievirus A10	102	52	43	7	1	1	-	-	-	-	-	-	-	-	47	35	11	1	-	-	-	-	-	-	-	-	3	-	
Coxsackievirus A16	473	287	209	64	4	2	-	1	1	-	-	-	-	6	178	122	44	4	1	-	2	1	-	-	-	4	8		
Coxsackievirus A24	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-		
Coxsackievirus B1	23	16	13	3	-	-	-	-	-	-	-	-	-	-	7	6	1	-	-	-	-	-	-	-	-	-	-		
Coxsackievirus B2	23	6	3	2	-	1	-	-	-	-	-	-	-	-	17	12	3	-	-	1	-	-	-	-	-	1	-		
Coxsackievirus B3	74	49	40	6	1	-	1	1	-	-	-	-	-	-	24	21	3	-	-	-	-	-	-	-	-	1	-		
Coxsackievirus B4	66	37	26	7	3	-	-	1	-	-	-	-	-	-	27	19	6	1	-	1	-	-	-	-	-	2	-		
Coxsackievirus B5	183	107	79	24	3	-	-	-	-	-	-	-	-	1	73	51	15	2	-	1	1	-	-	-	3	3			
Echovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 3	5	3	2	1	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 5	36	14	13	-	1	-	-	-	-	-	-	-	-	-	22	21	1	-	-	-	-	-	-	-	-	-	-		
Echovirus 6	27	18	8	5	1	-	-	2	-	1	-	-	-	1	9	7	1	-	-	1	-	-	-	-	-	-	-		
Echovirus 7	8	5	4	1	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 9	63	34	21	12	-	1	-	-	-	-	-	-	-	-	28	17	7	1	-	-	1	1	-	-	-	1	1		
Echovirus 11	20	13	8	5	-	-	-	-	-	-	-	-	-	-	7	4	2	-	-	-	-	-	-	-	-	1	-		
Echovirus 13	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	1	-	-	-	-	-	-	-	-	-	-		
Echovirus 14	4	2	1	1	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 16	47	24	18	3	1	1	-	-	-	-	-	-	-	1	23	11	11	1	-	-	-	-	-	-	-	-	-		
Echovirus 18	41	28	18	7	-	1	1	1	-	-	-	-	-	-	13	7	5	-	-	1	-	-	-	-	-	-	-		
Echovirus 24	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Echovirus 30	238	150	59	58	18	10	1	2	1	-	-	-	-	1	87	39	36	10	-	1	-	-	-	-	-	1	1		
Poliovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Poliovirus 1	53	25	24	-	-	-	-	-	-	-	-	-	-	1	26	25	1	-	-	-	-	-	-	-	-	2	-		
Poliovirus 2	53	32	30	1	1	-	-	-	-	-	-	-	-	-	21	20	1	-	-	-	-	-	-	-	-	-	-		
Poliovirus 3	47	22	22	-	-	-	-	-	-	-	-	-	-	-	25	25	-	-	-	-	-	-	-	-	-	-	-		
Enterovirus 71	36	23	18	4	-	1	-	-	-	-	-	-	-	-	13	10	3	-	-	-	-	-	-	-	-	-	-		
Parechovirus not typed	9	8	7	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Parechovirus 1	23	14	14	-	-	-	-	-	-	-	-	-	-	-	9	7	1	1	-	-	-	-	-	-	-	-	-		
Parechovirus 3	81	41	39	1	-	-	-	-	-	-	-	-	-	-	37	35	1	-	-	-	-	-	-	-	-	1	3		
Rhinovirus	251	157	135	15	4	-	1	-	-	-	-	-	-	2	92	72	11	5	1	1	-	-	-	-	-	2	2		
Aichi virus	1	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Influenza virus A H1 N unknown	2520	1279	298	530	199	34	59	69	40	19	7	6	18	1216	279	484	189	25	63	76	52	22	9	8	9	25			
Influenza virus A H1 N1	482	262	51	90	49	12	17	20	13	5	4	-	1	218	40	89	28	10	14	19	11	3	3	-	1	2			
Influenza virus A H3 N unknown	846	440	123	113	98	23	18	18	13	13	9	7	5	389	102	99	70	14	33	29	17	11	6	3	5	17			
Influenza virus A H3 N2	100	54	14	16	8	2	4	3	2	-	1	-	4	46	7	10	8	4	3	5	5	3	-	1	-	-			
Influenza virus B	498	265	54	117	51	4	7	7	7	10	2	4	2	228	33	98	51	6	5	18	5	5	3	3	1	5			
Influenza virus C	25	16	15	-	-	-	-	-	-	-	-	-	-	-	9	6	2	1	-	-	-	-	-	-	-	-	-		
Parainfluenza virus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Parainfluenza virus 1	28	16	15	-	-	-	-	-	-	-	-	-	1	12	9	1	2	-	-	-	-	-	-	-	-	-			
Parainfluenza virus 2	55	35	17	11	6	-	-	-	-	-	-	-	1	20	13	6	1	-	-	-	-	-	-	-	-	-			
Parainfluenza virus 3	147	80	73	4	2	-	-	-	-	-	-	-	-	63	55	3	3	-	1	-	-	-	-	-	-	1			
Respiratory syncytial virus	603	324	293	17	8	-	1	1	-	-	-	-	4	270	250	12	2	-	1	-	-	-	1	-	4	9			
Human metapneumovirus	190	93	72	12	4	-	-	-	1	-	-	-	4	95	78	9	1	1	-	1	1	-	-	-	4	2			
Other coronavirus	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-		
Mumps virus	116	72	28	33	7	1	1	1	-	-	-	-	1	43	19	18	3	-	1	1	1	-	-	-	1	-			
Measles virus not typed	65	44	7	5	6	8	16	1	1	-	-	-	-	21	3	2	5	5	5	-	-	-	-	-	1	-			
Measles virus genotype A	8	2	2	-	-	-	-	-	-	-	-	-	-	5	4	-	1	-	-	-	-	-	-	-	1	-			
Measles virus genotype D4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Measles virus genotype D5	187	107	11	6	20	39	21	10	-	-	-	-	-	80	11	6	16	27	14	6	-	-	-	-	-	-			
Measles virus genotype H1	5	3	3	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	1	-	-	-	-	-	-	-			
Rubella virus	4	2	2	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-	-			
Dengue virus not typed	2	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-			
Dengue virus 1	3	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	1	-	1	-	-	-	-	-	-	-			
Dengue virus 2	3	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Dengue virus 3	5	4	-	-	-	1	-	1	1	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-			
Dengue virus 4	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-			
Reovirus	7	3	2	1	-	-	-	-	-	-	-	-	-	4	3	1	-	-	-	-	-	-	-	-	-	-			
Rotavirus group unknown	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Rotavirus group A	771	398	341	36	4	1	-	-	3	1	3	9	358	306	32	4	3	1	3	-	1	-	4	4	15				
Rotavirus group C	8	5	2	2</																									

Table IV. Isolation/detection of viruses from human sources, by source of specimens, Japan, 2008
-Prefectural and municipal public health institutes

	Based on the data received before August 3, 2010												
	NUMBER OF CASES	STOOL	SPUTUM/TRACHEAL ASPIRATES	NASOPHARYNGEAL	EYE SWAB	BLOOD	CEREBROSPINAL FLUID	URINE	CENTRIFUGED URINE	SKIN/VESSICLE	GENITAL	VOMIT	OTHERS
T O T A L	14700	4725	102	9384	189	76	367	31	1	35	50	37	22
Enterovirus not typed	230	38	-	173	2	1	23	3	-	-	-	-	-
Coxsackievirus A2	149	19	1	129	1	-	-	-	-	-	-	-	-
Coxsackievirus A3	4	-	-	4	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	189	30	-	163	-	-	1	-	-	1	-	-	-
Coxsackievirus A5	15	-	-	15	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	104	3	-	101	-	-	-	-	-	-	-	-	-
Coxsackievirus A7	1	-	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	15	7	-	8	-	-	2	-	-	-	-	-	-
Coxsackievirus A10	102	5	-	97	-	1	-	-	-	-	-	-	-
Coxsackievirus A16	473	77	-	417	-	-	13	2	-	9	-	-	-
Coxsackievirus A24	1	-	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus B1	23	11	-	10	-	1	7	-	-	-	-	-	-
Coxsackievirus B2	23	9	-	12	-	-	3	-	-	-	-	-	-
Coxsackievirus B3	74	27	-	37	1	-	26	-	-	-	-	-	-
Coxsackievirus B4	66	23	1	39	-	-	12	-	-	-	-	-	-
Coxsackievirus B5	183	65	2	100	-	-	59	-	-	-	-	-	-
Echovirus not typed	1	-	-	1	-	-	-	-	-	-	-	-	-
Echovirus 3	5	2	-	2	-	-	1	-	-	-	-	-	-
Echovirus 4	1	1	-	2	-	-	-	-	-	-	-	-	-
Echovirus 5	36	11	1	26	-	-	1	-	-	-	-	-	-
Echovirus 6	27	6	-	12	-	-	9	-	-	-	2	-	-
Echovirus 7	8	4	-	4	-	-	4	-	-	-	-	-	-
Echovirus 9	63	11	-	48	-	-	7	-	-	-	-	-	-
Echovirus 11	20	12	-	7	-	-	3	-	-	-	-	-	-
Echovirus 13	2	1	-	1	-	-	-	-	-	-	-	-	-
Echovirus 14	4	3	-	-	-	-	3	-	-	-	-	-	-
Echovirus 16	47	6	-	42	-	-	-	-	-	-	-	-	-
Echovirus 18	41	11	-	20	1	-	10	-	-	1	-	-	-
Echovirus 24	2	1	-	-	-	-	1	-	-	-	-	-	-
Echovirus 30	238	73	1	90	-	-	100	2	-	-	-	4	-
Poliovirus not typed	1	-	-	1	-	-	-	-	-	-	-	-	-
Poliovirus 1	53	31	-	24	-	-	-	-	-	-	-	-	-
Poliovirus 2	53	39	-	13	-	-	1	1	-	-	-	-	-
Poliovirus 3	47	44	-	3	-	-	1	-	-	-	-	-	-
Enterovirus 71	36	6	-	30	-	-	-	-	-	-	-	-	-
Parechovirus not typed	9	3	-	6	-	-	-	-	-	-	-	-	-
Parechovirus 1	23	16	-	6	-	-	-	-	-	-	-	1	-
Parechovirus 3	81	39	-	54	-	1	6	-	-	-	-	-	-
Rhinovirus	251	7	5	240	-	-	-	-	-	-	-	-	-
Aichivirus	1	1	-	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	2520	-	2	2517	-	-	1	-	-	-	-	-	-
Influenza virus A H1 N1	482	-	1	481	-	-	-	-	-	-	-	-	-
Influenza virus A H3 N unknown	846	-	1	845	-	-	1	-	-	-	-	-	-
Influenza virus A H3 N2	100	-	-	100	-	-	-	-	-	-	-	-	-
Influenza virus B	498	-	1	497	-	-	-	-	-	-	-	-	-
Influenza virus C	25	-	-	25	-	-	-	-	-	-	-	-	-
Parainfluenza virus not typed	1	-	-	1	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	28	-	4	24	-	-	-	-	-	-	-	-	-
Parainfluenza virus 2	55	-	1	54	-	-	-	-	-	-	-	-	-
Parainfluenza virus 3	147	1	30	117	-	-	2	-	-	-	-	-	-
Respiratory syncytial virus	603	2	24	578	-	-	1	-	-	-	-	-	-
Human metapneumovirus	190	-	8	182	-	-	-	-	-	-	-	-	-
Other coronavirus	1	-	-	1	-	-	-	-	-	-	-	-	-
Mumps virus	116	1	-	87	-	1	31	1	-	-	-	-	-
Measles virus not typed	65	1	-	60	-	6	-	-	-	-	-	-	-
Measles virus genotype A	8	-	-	8	-	-	8	-	-	-	-	-	-
Measles virus genotype D4	1	-	-	1	-	1	-	-	-	-	-	-	-
Measles virus genotype D5	187	-	-	173	-	-	32	-	-	-	-	-	-
Measles virus genotype H1	5	-	-	5	-	2	-	-	-	-	-	-	-
Rubella virus	4	1	-	3	-	1	1	-	-	-	-	-	-
Dengue virus not typed	2	-	-	-	-	2	-	-	-	-	-	-	-
Dengue virus 1	3	-	-	-	-	3	-	-	-	-	-	-	-
Dengue virus 2	3	-	-	-	-	3	-	-	-	-	-	-	-
Dengue virus 3	5	-	-	-	-	5	1	-	-	-	-	-	-
Dengue virus 4	1	-	-	-	-	1	-	-	-	-	-	-	-
Reovirus	7	6	-	1	-	-	-	-	-	-	-	-	-
Rotavirus group unknown	1	1	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	771	768	-	-	-	-	-	-	-	-	2	1	-
Rotavirus group C	8	8	-	-	-	-	-	-	-	-	-	-	-
Astrovirus	47	46	-	1	-	-	-	-	-	-	-	-	-
Small round structured virus	7	7	-	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup unknown	196	192	-	-	-	-	-	-	-	-	-	4	-
Norovirus genogroup I	257	253	-	-	-	-	-	-	-	-	-	4	-
Norovirus genogroup II	2207	2192	-	-	-	1	-	-	-	-	-	16	-
Sapovirus genogroup unknown	159	159	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup I	24	24	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup II	2	2	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	17	17	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup V	1	1	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	259	63	-	162	31	2	1	1	-	1	-	-	-
Adenovirus 1	195	38	3	156	2	-	-	1	-	-	-	-	-
Adenovirus 2	411	84	1	331	4	-	1	-	-	-	-	3	-
Adenovirus 3	431	51	-	334	61	-	-	-	-	-	-	-	-
Adenovirus 4	23	-	-	18	5	-	-	-	-	-	-	-	-
Adenovirus 5	145	40	1	111	1	-	-	-	-	-	-	-	-
Adenovirus 6	33	12	-	21	1	-	-	-	-	-	-	1	-
Adenovirus 7	26	3	1	19	3	-	-	-	-	-	-	-	-
Adenovirus 8	10	-	-	1	9	-	-	-	-	-	-	-	-
Adenovirus 11	17	1	-	2	7	-	-	8	-	-	-	-	-
Adenovirus 13	1	-	-	-	1	-	-	-	-	-	-	-	-
Adenovirus 19	5	-	-	-	5	-	-	-	-	-	-	-	-
Adenovirus 31	10	10	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 34	1	-	-	-	-	-	-	1	-	-	-	-	-
Adenovirus 37	51	-	-	2	49	-	-	-	-	-	-	-	-
Adenovirus 40/41	50	50	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 41	39	38	-	-	-	-	1	-	-	-	-	-	-
Herpes simplex virus not typed	17	1	-	16	-	-	-	-	-	-	-	-	-
Herpes simplex virus 1	103	2	1	79	3	3	1	1	-	11	7	-	-
Herpes simplex virus 2	34	-	-	2	-	2	7	-	-	7	16	-	-
Varicella-zoster virus	12	-	-	5	-	1	1	-	-	5	-	-	-
Cytomegalovirus	108	1	-	100	-	1	-	6	-	-	-	-	-
Human herpes virus 6	177	4	1	152	-	4	21	-	-	-	-	-	-
Human herpes virus 7	45	2	-	45	-	1	1	1	-	-	-	-	-
Epstein-Barr virus	93	-	-	89	1	-	3	1	1	-	-	-	-
Hepatitis A virus	1	1	-	-	-	-	-	-	-	-	-	-	-
Human papilloma virus	48	-	-	-	-	-	-	-	-	27	-	21	-
B19 virus	10	-	-	10	-	-	-	-	-	-	-	-	-
Human bocavirus	39	-	11	28	-	-	-	-	-	-	-	-	-
Parvovirus	4	-	-	4	-	-	-	-	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	9	-	-	-	-	7	-	-	-	4	-	-	-
<i>Rickettsia japonica</i>	41	-	-	-	-	38	-	-	-	18	-	-	-

* See page 117 for detection by PCR-positive (other methods were not done or negative). Including cases from which the same virus was isolated from multiple specimens.

Table VII. Isolation/detection of viruses from human sources, by method of isolation, Japan, 2008
 -Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	NUMBER OF CASES	ISOLATED BY			ANTIGEN DETECTION	DETECTED BY										ELECTRON MICROSCOPY	
		CULTURE	CELL CULTURE	CHICK EMBRYO		ANIMAL	IMMUNO-FLUORESCENCE	EMZYM IMMUNOASSAY	RPHA	LATEX AGGLUTINATION	IMMUNO-CHEMILUMINOGRAPHY	GENE DETECTION	DETECTED BY				
															LAMP		
TOTAL	14700	7997	7870	10	145	703	12	303	2	91	325	7494	3479	1743	2255	106	289
Enterovirus not typed	230	13	13	-	-	-	-	-	-	-	-	228	211	-	17	-	-
Coxsackievirus A2	149	95	64	-	34	-	-	-	-	-	-	58	-	-	58	-	-
Coxsackievirus A3	4	4	4	-	4	-	-	-	-	-	-	2	-	-	2	-	-
Coxsackievirus A4	189	124	83	-	52	-	-	-	-	-	-	73	-	-	73	-	-
Coxsackievirus A5	15	3	3	-	-	-	-	-	-	-	-	12	-	-	12	-	-
Coxsackievirus A6	104	45	25	-	21	-	-	-	-	-	-	66	-	-	66	-	-
Coxsackievirus A7	1	1	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	15	13	13	-	-	-	-	-	-	-	-	5	-	-	5	-	-
Coxsackievirus A10	102	72	50	-	23	-	-	-	-	-	-	45	-	-	45	-	-
Coxsackievirus A16	473	357	350	-	8	-	-	-	-	-	-	251	55	1	196	-	-
Coxsackievirus A24	1	1	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Coxsackievirus B1	23	18	18	-	-	-	-	-	-	-	-	14	4	-	10	-	-
Coxsackievirus B2	23	22	22	-	-	-	-	-	-	-	-	3	1	-	2	-	-
Coxsackievirus B3	74	73	73	-	-	-	-	-	-	-	-	11	4	-	7	-	-
Coxsackievirus B4	66	53	53	-	-	-	-	-	-	-	-	20	2	-	18	-	-
Coxsackievirus B5	183	163	163	-	-	-	-	-	-	-	-	45	2	1	42	-	-
Echovirus not typed	1	1	1	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Echovirus 3	5	5	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 4	1	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Echovirus 5	36	33	33	-	-	-	-	-	-	-	-	3	-	-	3	-	-
Echovirus 6	27	27	27	-	-	-	-	-	-	-	-	5	2	-	3	-	-
Echovirus 7	8	8	8	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Echovirus 9	63	58	58	-	-	-	-	-	-	-	-	1	16	3	13	-	-
Echovirus 11	20	16	16	-	-	-	-	-	-	-	-	6	1	-	5	-	-
Echovirus 13	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 14	4	4	4	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Echovirus 16	47	47	47	-	-	-	-	-	-	-	-	3	-	-	3	-	-
Echovirus 18	41	40	40	-	1	-	-	-	-	-	-	4	1	-	3	-	-
Echovirus 24	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 30	238	211	211	-	-	-	-	-	-	-	-	60	10	1	49	-	-
Poliovirus not typed	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	53	49	49	-	-	-	-	-	-	-	-	14	3	-	11	-	-
Poliovirus 2	53	53	53	-	-	-	-	-	-	-	-	17	7	-	10	-	-
Poliovirus 3	47	45	45	-	-	-	-	-	-	-	-	13	3	-	10	-	-
Enterovirus 71	36	22	22	-	-	-	-	-	-	-	-	22	2	-	20	-	-
Parechovirus not typed	9	8	8	-	-	-	-	-	-	-	-	6	1	-	5	-	-
Parechovirus 1	23	21	21	-	-	-	-	-	-	-	-	6	1	-	5	-	-
Parechovirus 3	81	79	79	-	-	-	-	-	-	-	-	19	-	-	19	-	-
Rhinovirus	251	65	65	-	-	-	-	-	-	-	-	221	87	1	135	-	-
Alchivirus	1	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Influenza virus A H1 N unknown	2520	2380	2380	-	8	-	19	-	-	-	-	19	214	101	31	82	1
Influenza virus A H1 N1	482	479	478	-	1	-	-	-	-	-	-	213	122	-	91	-	-
Influenza virus A H3 N unknown	846	762	762	-	-	-	5	-	-	-	-	5	156	110	21	25	-
Influenza virus A H3 N2	100	99	99	-	-	-	-	-	-	-	-	40	34	-	6	-	-
Influenza virus B	498	454	454	-	1	-	3	-	-	-	-	3	65	48	2	15	-
Influenza virus C	25	25	25	-	-	-	-	-	-	-	-	13	13	-	-	-	-
Parainfluenza virus not typed	1	1	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Parainfluenza virus 1	28	10	10	-	-	-	-	-	-	-	-	25	25	-	-	-	-
Parainfluenza virus 2	55	39	39	-	-	-	-	-	-	-	-	49	45	-	4	-	-
Parainfluenza virus 3	147	54	54	-	-	-	-	-	-	-	-	134	131	-	3	-	-
Respiratory syncytial virus	603	170	170	-	-	-	2	-	-	-	-	2	501	399	24	78	-
Human metapneumovirus	190	68	68	-	-	-	-	-	-	-	-	183	142	22	19	-	-
Other coronavirus	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps virus	116	59	59	-	-	-	-	-	-	-	-	88	82	2	4	-	-
Measles virus not typed	65	21	21	-	-	-	-	-	-	-	-	57	54	-	3	-	-
Measles virus genotype A	8	-	-	-	-	-	-	-	-	-	-	8	1	-	7	-	-
Measles virus genotype D4	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Measles virus genotype D5	187	55	55	-	-	-	-	-	-	-	-	166	25	-	141	-	-
Measles virus genotype H1	5	2	2	-	-	-	-	-	-	-	-	5	-	-	5	-	-
Rubella virus	4	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-	-
Dengue virus not typed	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	3	-	-	-	-	-	-	-	-	-	-	3	2	1	-	-	-
Dengue virus 2	3	1	1	-	-	-	-	-	-	-	-	2	-	-	2	-	-
Dengue virus 3	5	1	1	-	-	-	-	-	-	-	-	5	1	3	1	-	-
Dengue virus 4	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
Reovirus	7	5	5	-	-	-	-	-	-	-	-	7	-	-	-	-	-
Rotavirus group unknown	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	771	-	-	-	-	529	-	246	1	81	228	269	231	7	31	-	106
Rotavirus group C	8	-	-	-	-	2	-	1	1	-	-	7	4	-	3	-	3
Astrovirus	47	2	2	-	-	2	-	2	-	-	-	43	29	1	13	-	4
Small round structured virus	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
Norovirus genogroup unknown	196	2	2	-	-	1	-	1	-	-	-	195	194	-	1	-	1
Norovirus genogroup I	257	-	-	-	-	-	-	-	-	-	-	257	33	147	76	7	19
Norovirus genogroup II	2207	-	-	-	-	15	-	11	-	-	-	4	2201	330	1316	536	98
Sapovirus genogroup unknown	159	-	-	-	-	-	-	-	-	-	-	159	123	24	12	-	24
Sapovirus genogroup I	24	-	-	-	-	-	-	-	-	-	-	24	5	3	16	-	-
Sapovirus genogroup II	2	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-
Sapovirus genogroup IV	17	-	-	-	-	-	-	-	-	-	-	17	4	4	9	-	-
Sapovirus genogroup V	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Adenovirus not typed	259	29	29	-	-	42	-	4	-	4	34	213	163	48	2	-	13
Adenovirus 1	195	184	184	-	-	4	-	-	-	1	3	44	20	7	17	-	-
Adenovirus 2	411	385	385	-	-	1	5	2	-	-	3	78	27	25	26	-	2
Adenovirus 3	431	394	394	-	-	2	-	-	-	-	2	67	16	12	39	-	-
Adenovirus 4	23	23	23	-	-	-	-	-	-	-	-	6	4	1	1	-	-
Adenovirus 5	145	138	138	-	-	-	-	-	-	-	-	23	7	6	10	-	-
Adenovirus 6	33	20	20	-	-	1	-	-	-	-	-	1	17	5	3	9	-
Adenovirus 7	26	25	25	-	-	-	-	-	-	-	-	17	7	9	1	-	-
Adenovirus 8	10	9	9	-	-	4	-	-	-	-	-	4	4	3	1	-	-
Adenovirus 11	17	17	17	-	-	2	-	-	-	-	-	2	2	1	-	-	-
Adenov																	

Table VIII.-Continued-1

	151	152	161	171	181	191	201	202	211	212	221	222	223	231	232	241	251	261	262	271	272	273	281	282
	NICAGUA PPHI	NICAGUA PPHI	TOYAMA PPHI	ISHIKAWA PPHI	FIKUI PPHI	YAMANASHI PPHI	NAGANO PPHI	NAGANO PPHI	GIRO PPHI	GIRO PPHI	SHIZUOKA PPHI	SHIZUOKA PPHI	HAMAMATSU PPHI	AICHI PPHI	NAGOYA PPHI	MIE PPHI	SHIGA PPHI	KYOTO PPHI	KYOTO PPHI	OSAKA PPHI	OSAKA PPHI	SAGA PPHI	HYOGO PPHI	KOBE PPHI
T O T A L	252	13	322	103	138	116	192	52	18	40	44	167	35	650	31	184	259	112	312	520	394	227	151	197
Enterovirus not typed	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Coxsackievirus A2	-	-	-	-	-	-	-	-	1	-	-	-	-	28	-	5	5	-	10	2	-	1	2	-
Coxsackievirus A3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	1	-	-	-	-	-	3	-	1	-	-	-	34	-	5	3	-	17	2	1	6	2	1	-
Coxsackievirus A5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	4	-	-	-	-	-	-	-	-	-	-	-	4	-	-	5	-	6	1	-	-	-	-	-
Coxsackievirus A7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Coxsackievirus A9	1	-	-	-	-	-	2	-	-	-	-	-	1	-	-	-	-	2	-	-	2	-	3	-
Coxsackievirus A10	-	-	-	-	-	-	16	-	-	-	-	-	9	-	-	-	-	-	-	-	-	1	-	-
Coxsackievirus A16	5	1	36	7	-	-	30	-	-	-	-	-	73	-	19	5	-	3	8	2	2	2	4	-
Coxsackievirus A24	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B1	-	-	-	-	-	-	-	-	-	-	-	-	12	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus B2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-
Coxsackievirus B3	2	-	-	-	9	-	-	1	-	-	1	-	2	-	-	-	-	-	1	2	-	-	-	-
Coxsackievirus B4	2	-	-	-	1	-	-	-	-	-	-	-	8	1	4	3	6	9	8	2	-	3	4	-
Coxsackievirus B5	-	-	-	-	-	-	-	-	-	-	-	-	8	-	4	3	6	9	14	5	1	3	12	-
Echovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	1	-	-
Echovirus 4	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 5	-	-	-	3	1	-	-	-	-	-	-	-	2	-	-	-	-	3	1	-	-	-	-	-
Echovirus 6	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	4	-	-	-	2	1	-	-	-
Echovirus 7	-	-	-	4	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-
Echovirus 9	1	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	4	2	2	1	-	-	-
Echovirus 11	-	-	-	-	-	-	-	-	-	-	1	-	10	-	-	-	2	1	1	1	-	-	-	-
Echovirus 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 18	1	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	-	-	-	-
Echovirus 24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 30	6	1	-	4	4	-	1	-	-	-	-	-	30	4	2	2	-	2	14	7	1	-	-	-
Poliovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	2	-	-	-	1	-	-	-	-	-	-	-	4	-	-	-	-	1	6	-	1	-	1	-
Poliovirus 2	4	-	-	-	-	-	-	-	-	-	-	-	5	-	2	-	1	3	-	-	-	-	1	-
Poliovirus 3	1	-	-	-	-	-	-	-	-	-	-	-	7	-	1	2	3	2	-	-	-	-	2	-
Enterovirus 71	1	-	-	-	-	-	-	-	-	-	2	-	1	-	3	2	1	2	2	1	-	-	-	1
Parechovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-
Parechovirus 1	1	-	1	-	-	-	-	-	1	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-
Parechovirus 3	10	3	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	1	-	-	-	1
Rhinovirus	10	-	-	-	-	-	-	-	-	-	-	1	-	1	-	6	1	-	10	18	-	-	-	1
Achivirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	43	3	164	67	74	20	100	15	-	2	27	48	8	98	8	32	15	14	16	46	34	3	33	34
Influenza virus A H1 N1	7	-	-	-	2	5	-	-	-	34	-	3	12	1	-	3	-	-	-	-	-	8	-	-
Influenza virus A H3 N unknown	7	-	61	7	12	66	28	3	-	-	5	6	1	47	4	19	4	12	5	5	22	31	35	26
Influenza virus A H3 N2	-	-	-	-	1	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus B	15	-	49	-	3	5	2	1	2	-	9	1	2	5	-	1	1	1	4	8	4	20	15	15
Influenza virus C	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-
Parainfluenza virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
Parainfluenza virus 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
Parainfluenza virus 3	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	39	-	-	-	-
Respiratory syncytial virus	-	-	-	-	3	-	-	-	-	-	-	-	13	-	4	1	1	13	3	45	78	4	1	-
Human metapneumovirus	-	-	-	-	-	-	-	-	-	2	4	-	2	-	-	-	2	-	-	15	12	1	-	-
Other coronavirus	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps virus	-	1	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	1	-	1	1	-	1	2
Measles virus not typed	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	1	-	11	-	2	-	-	-	1
Measles virus genotype A	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Measles virus genotype D5	-	-	-	2	-	-	-	-	-	-	-	14	-	1	-	-	-	-	2	-	12	-	17	-
Measles virus genotype H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-
Rubella virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Dengue virus 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reovirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Rotavirus group unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	46	1	3	2	3	-	-	-	3	-	-	5	2	26	-	11	6	27	15	41	8	-	6	-
Rotavirus group C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Astrovirus	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	4	-	-	-
Small round structured virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup unknown	25	-	-	-	-	1	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup I	-	-	-	1	1	11	-	2	1	-	-	9	-	6	-	9	15	-	12	35	17	5	-	2
Norovirus genogroup II	20	2	-	5	10	1	-	29	4	-	-	35	10	17	1	13	154	13	120	235	82	22	4	10
Sapovirus genogroup unknown	-	-	-	2	-	-	-	-	-	-	-	-	-	3	-	11	-	-	-	-	-	2	-	-
Sapovirus genogroup I	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	3	-	-	-
Sapovirus genogroup II	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup V	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
Adenovirus not typed	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	4	-	-	5
Adenovirus 1	3	-	-	-	1	-	-	-	-	-	-	3	-	5	1	7	1	3	8	1	3	1		

Table VIII.-Continued-2

	291	301	311	321	331	341	342	351	361	371	381	391	401	402	403	411	421	422	431	432	441	451	461	471
	NARA PPHI	WAKAYAMA PPHI	TOTTORI PPHI	SHIMANE PPHI	OKAYAMA PPHI	HIROSHIMA PPHI	HIROSHIMA CPHI	YAMAGUCHI PPHI	TOKUSHIMA PPHI	KAGAWA PPHI	EHIME PPHI	KOCHI PPHI	FUKUOKA PPHI	FUKUOKA CPHI	KITAYUSHU CPHI	SAGA PPHI	NAGASAKI PPHI	NAGASAKI CPHI	KUMAMOTO PPHI	KUMAMOTO CPHI	OTTA PPHI	MIZUKAWA PPHI	KAGOSHIMA PPHI	OKINAWA PPHI
TOTAL	208	158	377	261	243	163	387	74	127	131	345	295	125	103	139	143	13	2	212	61	174	123	91	107
Enterovirus not typed	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	3	7	-	1	-
Coxsackievirus A2	3	4	2	8	3	2	3	-	2	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-
Coxsackievirus A3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	2	-	-
Coxsackievirus A4	1	4	1	8	2	6	6	1	3	-	-	18	-	3	8	8	-	-	3	-	-	-	-	-
Coxsackievirus A5	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	4	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Coxsackievirus A7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A10	-	-	4	4	-	-	2	1	3	-	2	-	4	1	3	3	-	-	-	-	-	-	-	-
Coxsackievirus A16	11	-	30	9	4	5	2	3	3	-	3	20	1	3	6	3	-	-	-	-	6	12	12	-
Coxsackievirus A24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B2	1	-	5	5	-	4	1	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B3	-	-	4	7	2	3	11	1	1	-	-	-	4	1	2	-	-	-	1	-	4	-	-	-
Coxsackievirus B4	1	-	-	-	-	-	1	-	-	-	-	-	1	-	2	-	-	-	-	-	2	-	-	-
Coxsackievirus B5	7	5	1	3	1	-	2	2	1	-	19	3	4	5	11	-	-	-	2	-	11	17	1	-
Echovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 5	-	-	-	-	-	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-	-	19	-	-
Echovirus 6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-
Echovirus 7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 9	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	6	-	-	-
Echovirus 11	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 14	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 16	-	3	-	-	-	4	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Echovirus 18	-	2	2	20	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 24	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-
Echovirus 30	5	16	3	5	12	5	8	2	-	4	2	-	1	5	2	-	-	-	6	6	5	3	18	-
Poliovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 1	1	-	2	-	-	2	4	-	2	-	-	1	3	1	-	-	-	-	2	-	1	-	-	-
Poliovirus 2	-	-	2	-	1	-	3	-	1	-	-	-	3	-	-	-	-	-	4	1	-	-	-	-
Poliovirus 3	1	-	5	-	-	1	2	-	-	-	-	-	4	-	-	-	-	-	2	2	-	1	-	-
Enterovirus 71	-	-	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-
Parvovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parvovirus 1	-	1	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-
Parvovirus 3	-	-	-	1	-	2	40	-	-	-	-	-	1	1	-	-	-	-	-	-	40	-	-	2
Rhinovirus	1	-	-	1	-	1	17	3	-	-	-	-	-	-	1	2	-	-	-	-	4	-	-	2
Adenovirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Influenza virus A H1 N unknown	32	10	78	92	9	11	58	31	17	85	34	54	34	20	8	55	9	-	-	5	53	34	1	16
Influenza virus A H1 N1	-	4	8	-	-	7	22	2	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	1
Influenza virus A H3 N unknown	30	24	9	31	8	10	31	9	2	-	7	3	11	23	-	14	1	-	-	2	8	9	7	17
Influenza virus A H3 N2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-	-
Influenza virus B	9	4	5	15	3	1	3	1	-	17	4	17	2	7	-	9	-	-	-	-	1	1	-	19
Influenza virus C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-
Parainfluenza virus 3	-	-	-	-	1	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory syncytial virus	3	-	4	-	3	3	22	-	30	-	30	1	-	1	-	-	-	-	-	-	-	-	-	13
Human metapneumovirus	-	-	-	-	-	7	17	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other coronavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mumps virus	-	1	1	-	-	1	2	-	-	-	1	5	-	-	-	-	-	-	-	-	1	-	-	-
Measles virus not typed	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	-	-	-	-	24
Measles virus genotype A	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-
Measles virus genotype D4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	-	7	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	14
Measles virus genotype H1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reovirus	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Rotavirus group unknown	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	41	5	34	19	81	-	15	-	11	1	35	38	8	-	17	10	-	-	25	-	17	1	33	-
Rotavirus group C	-	-	-	-	1	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Astrovirus	-	1	-	-	2	-	1	-	1	-	-	-	1	-	-	-	-	-	5	1	-	-	-	-
Small round structured virus	-	-	-	-	5	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup unknown	37	-	1	-	1	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup I	-	-	8	-	19	-	-	-	-	1	17	4	8	-	-	4	-	-	6	3	1	-	-	-
Norovirus genogroup II	2	36	29	19	57	3	39	9	25	25	133	84	20	16	44	5	-	2	66	19	21	7	30	-
Sapovirus genogroup unknown	-	-	5	9	2	-	12	-	-	-	20	14	-	-	1	-	-	-	12	-	-	-	-	-
Sapovirus genogroup I	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Sapovirus genogroup II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Sapovirus genogroup IV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup V	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	2	-	-	-	-	-	-	-	-	-	12	1	3	-	7	-	-	-	-	10	1	-	-	-
Adenovirus 1	1	2	17	-	-	11	7	2	2	2	6	3	2	1	9	2	-	-	-	-	4			

Table IX. Isolation/detection of viruses from human sources, by year, Japan, 2003 - 2008
-Prefectural and municipal public health institutes

	Based on the data received before August 3, 2010					
	2003	2004	2005	2006	2007	2008
T O T A L	16041	13142	16346	17402	16189	14700
Enterovirus not typed	-	-	4	128	75	230
Coxsackievirus A not typed	-	21	4	2	-	-
Coxsackievirus A1	1	-	1	-	-	-
Coxsackievirus A2	68	177	25	63	27	149
Coxsackievirus A3	1	-	1	1	30	4
Coxsackievirus A4	143	388	12	316	12	189
Coxsackievirus A5	6	2	44	45	80	15
Coxsackievirus A6	72	29	412	3	256	104
Coxsackievirus A7	1	1	1	-	-	1
Coxsackievirus A8	2	-	-	-	5	-
Coxsackievirus A9	98	44	102	165	7	15
Coxsackievirus A10	382	5	101	24	136	102
Coxsackievirus A12	37	3	2	-	-	-
Coxsackievirus A14	5	5	6	-	-	-
Coxsackievirus A16	142	190	272	195	347	473
Coxsackievirus A21	-	2	-	1	-	-
Coxsackievirus A24	7	2	1	-	5	1
Coxsackievirus B not typed	-	2	-	-	-	-
Coxsackievirus B1	142	220	4	2	10	23
Coxsackievirus B2	90	68	21	104	53	23
Coxsackievirus B3	24	101	236	30	10	74
Coxsackievirus B4	72	45	77	71	44	66
Coxsackievirus B5	64	141	46	87	416	183
Coxsackievirus B6	2	2	2	1	-	-
Echovirus not typed	-	11	2	1	2	1
Echovirus 1	1	-	-	-	-	-
Echovirus 2	-	1	2	-	-	-
Echovirus 3	3	88	63	-	-	5
Echovirus 4	-	1	-	-	-	1
Echovirus 5	1	1	2	17	13	36
Echovirus 6	498	217	41	4	10	27
Echovirus 7	70	98	7	4	-	8
Echovirus 9	128	17	101	46	42	63
Echovirus 11	6	7	6	9	7	20
Echovirus 12	-	-	1	-	-	-
Echovirus 13	7	7	5	2	-	2
Echovirus 14	1	6	4	5	-	4
Echovirus 16	16	17	48	16	1	47
Echovirus 17	-	-	-	2	-	-
Echovirus 18	84	101	15	573	28	41
Echovirus 19	1	-	-	-	-	-
Echovirus 20	1	-	-	-	-	-
Echovirus 21	-	2	1	-	-	-
Echovirus 24	1	-	1	-	-	2
Echovirus 25	25	26	46	54	46	-
Echovirus 27	2	2	-	-	-	-
Echovirus 30	492	109	43	136	221	238
Echovirus 33	-	-	-	-	1	-
Poliovirus not typed	-	1	2	1	2	1
Poliovirus 1	34	28	43	59	54	53
Poliovirus 2	46	34	44	39	64	53
Poliovirus 3	26	23	27	41	44	47
Enterovirus 68	-	-	2	2	8	-
Enterovirus 71	658	59	54	322	138	36
Parechovirus not typed	-	-	-	16	2	9
Parechovirus 1	17	31	28	25	25	23
Parechovirus 2	1	-	-	-	-	-
Parechovirus 3	-	1	2	52	1	81
Rhinovirus	39	42	85	135	160	251
Aichivirus	-	1	-	-	-	1
Influenza virus A not subtyped	1	-	1	1	-	-
Influenza virus A H1 N unknown	2	70	220	1119	1726	2520
Influenza virus A H1 N1	2	1	36	129	306	482
Influenza virus A H3 N unknown	4240	4277	2878	2512	2238	846
Influenza virus A H3 N2	143	297	184	369	248	100
Influenza virus B	2545	346	3333	583	2004	498
Influenza virus C	-	32	4	26	6	25
Parainfluenza virus not typed	7	2	2	-	6	1
Parainfluenza virus 1	28	10	84	15	78	28
Parainfluenza virus 2	4	50	1	23	15	55
Parainfluenza virus 3	76	46	101	64	87	147
Parainfluenza virus 4	-	1	-	-	1	-
Respiratory syncytial virus	74	193	241	211	420	603
Human metapneumovirus	86	59	141	314	280	190
Other coronavirus	-	-	-	-	-	1
Mumps virus	69	133	318	298	57	116
Measles virus not typed	154	14	2	8	98	65
Measles virus genotype A	-	-	-	4	14	8
Measles virus genotype D4	-	-	-	-	-	1
Measles virus genotype D5	-	-	-	40	368	187
Measles virus genotype H1	35	-	-	3	2	5
Rubella virus	1	16	2	6	2	4
Japanese encephalitis virus	1	-	1	-	-	-
Dengue virus not typed	-	-	-	4	2	2
Dengue virus 1	2	3	-	-	1	3
Dengue virus 2	-	1	-	-	2	3
Dengue virus 3	1	-	-	5	2	5
Dengue virus 4	-	-	-	1	1	1

* See pages 122-123 for detection by PCR-positive (other methods were not done or negative).

Table IX.-Continued

	2003	2004	2005	2006	2007	2008
Reovirus not typed	-	-	-	1	3	6
Reovirus 1	1	-	1	-	-	-
Reovirus 2	-	1	1	-	-	1
Reovirus 3	-	-	-	1	-	-
Rotavirus group unknown	16	3	3	4	1	1
Rotavirus group A not typed	606	447	622	558	469	565
Rotavirus group A G1	35	22	59	94	64	29
Rotavirus group A G2	-	-	1	1	47	2
Rotavirus group A G3	34	82	51	37	52	60
Rotavirus group A G4	14	-	4	-	-	-
Rotavirus group A G8	-	-	-	1	-	-
Rotavirus group A G9	4	-	1	77	39	115
Rotavirus group C	27	2	8	55	5	8
Astrovirus not typed	30	21	21	35	30	37
Astrovirus 1	2	8	17	9	34	6
Astrovirus 2	-	-	-	1	-	1
Astrovirus 3	1	1	2	-	-	-
Astrovirus 4	11	-	3	6	-	-
Astrovirus 5	2	2	2	-	6	1
Astrovirus 8	-	-	-	-	-	2
Small round structured virus	38	26	14	14	8	7
Norovirus genogroup unknown	210	255	190	260	105	196
Norovirus GI not typed	103	142	247	189	64	180
Norovirus GI/1	-	4	-	3	1	4
Norovirus GI/2	-	-	-	2	-	-
Norovirus GI/3	-	-	1	3	3	2
Norovirus GI/4	-	-	-	11	36	47
Norovirus GI/7	-	-	-	1	2	-
Norovirus GI/8	-	-	-	15	6	20
Norovirus GI/11	-	-	-	2	-	-
Norovirus GI/12	-	-	-	-	1	-
Norovirus GI/14	-	-	-	2	3	4
Norovirus GII not typed	1154	1545	2877	3567	1844	1683
Norovirus GII/1	-	-	-	4	-	2
Norovirus GII/2	1	-	1	10	6	36
Norovirus GII/3	1	1	32	14	54	40
Norovirus GII/4	7	5	9	925	619	389
Norovirus GII/5	-	1	-	-	-	1
Norovirus GII/6	-	1	1	28	1	26
Norovirus GII/7	-	-	4	7	1	-
Norovirus GII/8	-	-	-	3	-	-
Norovirus GII/9	-	-	-	5	-	1
Norovirus GII/12	-	-	-	-	-	1
Norovirus GII/13	-	-	-	6	58	27
Norovirus GII/16	-	-	-	-	-	1
Sapovirus genogroup unknown	71	57	115	86	183	159
Sapovirus genogroup I	-	2	8	12	7	24
Sapovirus genogroup II	-	1	4	4	-	2
Sapovirus genogroup IV	-	-	-	3	92	17
Sapovirus genogroup V	-	-	-	2	2	1
Adenovirus not typed	145	189	214	145	163	259
Adenovirus 1	236	226	265	236	217	195
Adenovirus 2	408	420	472	445	427	411
Adenovirus 3	993	980	675	1067	314	431
Adenovirus 4	39	59	26	26	28	23
Adenovirus 5	122	115	128	134	141	145
Adenovirus 6	26	32	27	46	23	33
Adenovirus 7	46	5	7	6	12	26
Adenovirus 8	8	28	111	48	18	10
Adenovirus 11	4	21	12	4	12	17
Adenovirus 12	-	-	1	-	-	-
Adenovirus 13	-	-	-	-	1	1
Adenovirus 15	-	-	1	-	1	-
Adenovirus 17	-	-	3	1	-	-
Adenovirus 19	34	35	18	9	5	5
Adenovirus 22	-	-	1	-	-	-
Adenovirus 31	3	2	3	15	9	10
Adenovirus 34	-	-	-	-	-	1
Adenovirus 37	124	66	48	40	56	51
Adenovirus 40/41	61	58	57	66	54	50
Adenovirus 40	1	-	-	1	-	-
Adenovirus 41	4	30	24	27	25	39
Herpes simplex virus not typed	63	31	52	40	33	17
Herpes simplex virus 1	134	116	93	129	96	103
Herpes simplex virus 2	3	2	3	4	10	34
Varicella-zoster virus	8	4	7	17	18	12
Cytomegalovirus	67	38	55	60	78	108
Human herpes virus 6	94	81	80	133	144	177
Human herpes virus 7	16	12	14	28	25	45
Epstein-Barr virus	30	22	36	34	67	93
Hepatitis A virus	-	1	-	21	-	1
Hepatitis C virus	-	-	-	1	-	-
Hepatitis E virus	-	-	4	3	-	-
Human papilloma virus	-	-	-	-	6	48
B19 virus	15	9	12	23	13	10
Human bocavirus	-	-	-	-	1	39
Parvovirus	-	-	-	-	-	4
Human immunodeficiency virus	1	1	-	1	-	-
<i>Chlamydia trachomatis</i>	19	-	1	-	-	-
<i>Chlamydia pneumoniae</i>	-	1	-	-	-	-
<i>Chlamydia psittaci</i>	-	-	1	-	1	-
<i>Orientia tsutsugamushi</i>	1	1	23	11	27	9
<i>Rickettsia japonica</i>	-	-	1	1	20	41

* See pages 122-123 for detection by PCR-positive (other methods were not done or negative).

Table X. Outbreak reports of virus isolation/detection, by month, Japan, 2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	861	209	135	106	77	36	18	7	3	4	8	65	193
Influenza virus A H1 N unknown	28	17	3	1	-	-	-	-	-	-	-	2	5
Influenza virus A H1 N1	2	-	-	-	-	-	-	-	-	-	-	-	2
Influenza virus A H3 N unknown	10	-	-	1	1	-	1	-	-	-	-	2	5
Influenza virus A H3 N2	1	-	-	-	-	-	-	-	1	-	-	-	-
Influenza virus B	10	-	-	1	-	-	-	-	-	1	3	3	2
Respiratory syncytial virus	1	-	-	-	-	-	-	-	-	-	-	-	1
Human metapneumovirus	1	-	1	-	-	-	-	-	-	-	-	-	-
Rotavirus group unknown	1	-	1	-	-	-	-	-	-	-	-	-	-
Rotavirus group A not typed	11	-	1	6	4	-	-	-	-	-	-	-	-
Rotavirus group A G1	1	-	-	-	1	-	-	-	-	-	-	-	-
Rotavirus group C	8	-	-	2	2	2	1	-	-	-	-	-	1
Astrovirus 4	1	-	-	-	-	-	-	1	-	-	-	-	-
Astrovirus 8	2	-	1	1	-	-	-	-	-	-	-	-	-
Small round structured virus	1	-	-	-	1	-	-	-	-	-	-	-	-
Norovirus genogroup unknown	35	5	6	2	2	-	3	-	-	-	-	1	16
Norovirus GI not typed	84	18	13	27	11	3	3	-	1	-	-	5	3
Norovirus GI/4	23	1	6	8	2	1	1	-	-	-	-	4	-
Norovirus GI/8	14	3	6	2	2	1	-	-	-	-	-	-	-
Norovirus GI/14	1	-	-	1	-	-	-	-	-	-	-	-	-
Norovirus GII not typed	380	92	57	36	35	17	4	3	-	2	3	28	103
Norovirus GII/1	2	-	-	-	1	-	1	-	-	-	-	-	-
Norovirus GII/2	13	1	1	2	2	3	1	-	-	-	-	1	2
Norovirus GII/3	5	-	-	-	2	2	-	-	-	-	-	1	-
Norovirus GII/4	174	66	30	10	7	3	-	-	-	-	-	13	45
Norovirus GII/6	14	-	-	-	-	-	-	-	-	1	2	3	8
Norovirus GII/13	17	3	5	4	2	1	1	-	-	-	-	1	-
Sapovirus genogroup unknown	10	1	1	-	-	3	2	3	-	-	-	-	-
Sapovirus genogroup I	1	-	-	-	-	-	-	-	-	-	-	1	-
Sapovirus genogroup IV	7	2	2	2	1	-	-	-	-	-	-	-	-
Adenovirus 40/41	1	-	-	-	1	-	-	-	-	-	-	-	-
Adenovirus 41	1	-	-	-	-	-	-	-	1	-	-	-	-
Negative	1	-	1	-	-	-	-	-	-	-	-	-	-

Reports from prefectural and municipal public health institutes
Detection of viruses from human sources
-PCR-positive cases (other methods were not done or negative)-
(Secondarily mentioned)

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Table XI. Detection of viruses from human sources by PCR, by month, Japan, 2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	TOTAL	1 JAN	2 FEB	3 MAR	4 APR	5 MAY	6 JUN	7 JUL	8 AUG	9 SEP	10 OCT	11 NOV	12 DEC
TOTAL	5891	758	571	487	432	361	359	385	198	251	332	564	1193
Enterovirus not typed	217	2	16	6	1	7	6	3	5	28	54	37	52
Coxsackievirus A2	54	-	1	2	1	1	18	23	4	2	2	-	-
Coxsackievirus A4	65	-	1	-	-	4	18	25	11	2	1	2	1
Coxsackievirus A5	12	-	-	-	-	-	1	10	1	-	-	-	-
Coxsackievirus A6	59	1	-	-	1	1	4	27	15	6	2	-	2
Coxsackievirus A9	2	-	-	-	-	-	-	-	1	1	-	-	-
Coxsackievirus A10	30	-	-	-	-	-	3	6	2	6	3	5	5
Coxsackievirus A16	116	-	1	4	2	8	21	35	11	16	10	3	5
Coxsackievirus B1	5	-	-	-	-	-	-	1	-	1	-	2	1
Coxsackievirus B2	1	1	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B3	1	-	-	-	-	-	-	-	-	-	-	-	1
Coxsackievirus B4	13	1	-	-	-	-	2	5	-	3	-	2	-
Coxsackievirus B5	20	2	-	-	-	-	3	8	1	4	-	2	-
Echovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	1
Echovirus 5	3	-	-	-	-	-	-	1	1	-	-	-	1
Echovirus 9	4	-	-	-	1	-	-	2	1	-	-	-	-
Echovirus 11	4	-	-	-	-	-	-	1	1	1	-	1	-
Echovirus 18	1	-	-	-	-	-	-	1	-	-	-	-	-
Echovirus 30	27	-	-	-	-	2	2	10	9	2	2	-	-
Poliovirus 1	4	-	-	-	-	-	1	2	-	1	-	-	-
Poliovirus 3	2	-	-	-	-	1	-	-	-	-	1	-	-
Enterovirus 71	14	-	1	1	-	-	4	6	-	1	-	1	-
Parechovirus not typed	1	-	-	-	-	-	-	1	-	-	-	-	-
Parechovirus 1	2	-	-	-	-	-	-	-	-	-	2	-	-
Parechovirus 3	2	-	-	-	-	-	-	2	-	-	-	-	-
Rhinovirus	186	6	-	7	19	19	24	28	16	13	20	27	7
Influenza virus A H1 N unknown	136	52	27	10	1	1	-	-	-	-	-	5	40
Influenza virus A H1 N1	3	-	-	-	-	-	-	-	-	-	-	1	2
Influenza virus A H3 N unknown	84	4	1	9	7	5	4	2	3	1	-	1	47
Influenza virus A H3 N2	1	1	-	-	-	-	-	-	-	-	-	-	-
Influenza virus B	44	3	3	4	5	1	1	1	-	5	8	8	5
Parainfluenza virus 1	18	1	-	-	2	2	1	-	3	6	1	1	1
Parainfluenza virus 2	16	-	-	-	-	2	-	1	2	4	6	1	-
Parainfluenza virus 3	93	-	1	-	5	19	35	23	6	1	3	-	-
Respiratory syncytial virus	432	41	15	16	9	4	9	14	22	43	73	108	78
Human metapneumovirus	122	17	15	43	28	10	2	4	-	1	-	2	-
Mumps virus	57	3	-	1	4	3	6	4	6	6	7	12	5
Measles virus not typed	44	2	2	12	4	5	11	-	2	6	-	-	-
Measles virus genotype A	8	-	2	3	-	-	2	-	-	1	-	-	-
Measles virus genotype D4	1	-	-	-	-	1	-	-	-	-	-	-	-
Measles virus genotype D5	132	25	11	15	26	29	19	4	1	-	1	-	1
Measles virus genotype H1	3	-	-	2	-	1	-	-	-	-	-	-	-
Rubella virus	4	-	1	-	-	2	1	-	-	-	-	-	-
Dengue virus 1	2	-	-	-	-	-	-	-	1	1	-	-	-
Dengue virus 2	1	-	-	-	-	-	-	1	-	-	-	-	-
Dengue virus 3	3	-	-	-	-	-	-	-	-	3	-	-	-
Dengue virus 4	1	-	1	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	213	23	55	59	44	13	10	-	-	-	-	2	7
Rotavirus group C	5	-	-	-	3	-	1	-	-	-	-	-	1
Astrovirus	39	1	2	3	1	7	5	3	6	1	2	2	6
Norovirus genogroup unknown	193	19	16	11	3	1	-	2	-	1	2	46	92
Norovirus genogroup I	238	20	61	84	31	12	13	2	-	-	-	4	11
Norovirus genogroup II	2099	475	269	120	164	101	38	11	4	10	20	194	693
Sapovirus genogroup unknown	135	15	10	9	6	8	13	12	2	1	11	21	27
Sapovirus genogroup I	24	2	1	3	-	-	2	3	-	-	-	9	4
Sapovirus genogroup II	2	-	-	-	-	1	-	-	-	-	1	-	-
Sapovirus genogroup IV	17	2	5	5	3	2	-	-	-	-	-	-	-
Sapovirus genogroup V	1	-	1	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	202	8	14	18	14	15	6	12	10	12	40	22	31
Adenovirus 1	10	1	3	1	-	1	-	2	-	-	1	-	1
Adenovirus 2	24	4	4	4	2	1	2	3	-	-	1	-	3
Adenovirus 3	36	2	1	2	1	6	3	10	3	1	-	1	6
Adenovirus 5	7	1	1	-	-	-	1	2	-	-	-	2	-
Adenovirus 6	12	1	-	-	1	3	-	1	-	1	-	3	2
Adenovirus 7	1	-	-	-	-	-	-	1	-	-	-	-	-
Adenovirus 8	1	-	-	-	-	-	-	-	1	-	-	-	-
Adenovirus 19	2	-	2	-	-	-	-	-	-	-	-	-	-
Adenovirus 31	2	-	-	-	-	-	1	-	-	-	-	1	-
Adenovirus 34	1	-	-	-	-	-	-	-	1	-	-	-	-
Adenovirus 37	3	-	-	-	2	-	1	-	-	-	-	-	-
Adenovirus 40/41	2	-	-	-	-	-	-	1	-	-	-	-	1
Adenovirus 41	30	2	2	2	-	5	10	1	-	-	3	-	5
Herpes simplex virus not typed	1	-	1	-	-	-	-	-	-	-	-	-	-
Herpes simplex virus 1	31	2	1	2	3	5	4	6	1	2	4	1	-
Herpes simplex virus 2	31	2	-	1	-	5	1	5	2	5	5	1	4
Varicella-zoster virus	12	-	-	-	1	5	2	1	-	1	1	-	1
Cytomegalovirus	54	2	1	2	5	4	6	4	8	9	6	3	4
Human herpes virus 6	177	4	12	8	15	8	14	27	19	19	25	10	16
Human herpes virus 7	42	1	1	-	1	1	5	9	5	3	7	4	5
Epstein-Barr virus	91	6	3	2	5	8	11	11	5	14	6	10	10
Hepatitis A virus	1	-	-	-	-	1	-	-	-	-	-	-	-
Human papilloma virus	48	3	3	10	3	3	6	3	4	4	1	2	6
B19 virus	10	-	3	-	-	3	1	-	2	1	-	-	-
Human bocavirus	39	-	-	6	8	14	5	2	-	1	-	2	1
Parvovirus	4	-	-	-	-	-	-	-	-	-	-	2	2
<i>Orientia tsutsugamushi</i>	8	-	-	-	-	2	-	-	-	-	-	4	2
<i>Rickettsia japonica</i>	1	-	-	-	-	-	-	-	1	-	-	-	-

* Tabulating PCR & LAMP-positive cases (other methods were not done or negative) separately

XII-2. Age groups -Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	AGE GROUP (AGE IN YEARS)											
	TOTAL	0-4	5-9	10-14	15-19	20-29	30-39	40-49	50-59	60-69	70- UNKNOW	70- UNKNOW
TOTAL	5891	3540	696	264	107	221	186	113	91	64	232	377
Enterovirus not typed	217	182	18	7	-	1	4	1	-	-	-	4
Coxsackievirus A2	54	47	4	2	-	-	-	-	-	-	-	1
Coxsackievirus A4	65	56	3	4	-	-	-	-	-	-	-	2
Coxsackievirus A5	12	10	2	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	59	45	8	1	1	-	2	-	-	-	-	2
Coxsackievirus A9	2	2	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A10	30	24	5	-	1	-	-	-	-	-	-	-
Coxsackievirus A16	116	71	31	6	1	-	1	-	-	-	-	6
Coxsackievirus B1	5	5	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B2	1	1	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B3	1	1	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B4	13	8	3	1	-	-	1	-	-	-	-	-
Coxsackievirus B5	20	13	5	2	-	-	-	-	-	-	-	-
Echovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 5	3	2	-	1	-	-	-	-	-	-	-	-
Echovirus 9	4	3	1	-	-	-	-	-	-	-	-	-
Echovirus 11	4	3	1	-	-	-	-	-	-	-	-	-
Echovirus 18	1	1	-	-	-	-	-	-	-	-	-	-
Echovirus 30	27	12	11	4	-	-	-	-	-	-	-	-
Poliovirus 1	4	3	1	-	-	-	-	-	-	-	-	-
Poliovirus 3	2	2	-	-	-	-	-	-	-	-	-	-
Enterovirus 71	14	12	2	-	-	-	-	-	-	-	-	-
Parechovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-
Parechovirus 1	2	2	-	-	-	-	-	-	-	-	-	-
Parechovirus 3	2	2	-	-	-	-	-	-	-	-	-	-
Rhinovirus	186	159	19	3	1	-	-	-	-	-	-	4
Influenza virus A H1 N unknown	136	37	62	9	-	6	9	3	-	1	2	7
Influenza virus A H1 N1	3	-	1	2	-	-	-	-	-	-	-	-
Influenza virus A H3 N unknown	84	18	9	32	6	5	3	4	3	3	-	1
Influenza virus A H3 N2	1	-	-	-	-	-	-	-	1	-	-	-
Influenza virus B	44	7	11	16	-	4	2	1	2	-	-	1
Parainfluenza virus 1	18	15	-	2	-	-	-	-	-	-	-	1
Parainfluenza virus 2	16	10	3	2	-	-	-	-	-	-	-	1
Parainfluenza virus 3	93	85	3	2	-	-	1	-	-	-	-	2
Respiratory syncytial virus	432	398	15	5	-	1	2	-	-	1	-	10
Human metapneumovirus	122	104	9	2	-	-	-	-	-	-	-	7
Mumps virus	57	23	26	4	-	1	1	1	-	-	-	1
Measles virus not typed	44	6	2	10	8	15	1	1	-	-	-	1
Measles virus genotype A	8	6	-	1	-	-	-	-	-	-	-	1
Measles virus genotype D4	1	1	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	132	17	8	23	46	25	13	-	-	-	-	-
Measles virus genotype H1	3	3	-	-	-	-	-	-	-	-	-	-
Rubella virus	4	4	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	2	-	-	-	1	1	-	-	-	-	-	-
Dengue virus 2	1	-	-	-	-	1	-	-	-	-	-	-
Dengue virus 3	3	-	-	-	1	1	1	-	-	-	-	-
Dengue virus 4	1	-	-	-	-	-	1	-	-	-	-	-
Rotavirus group A	213	189	14	4	1	-	1	-	1	-	-	3
Rotavirus group C	5	-	4	1	-	-	-	-	-	-	-	-
Astrovirus	39	28	4	3	1	-	-	-	1	-	1	1
Norovirus genogroup unknown	193	148	23	8	-	2	4	3	-	1	1	3
Norovirus genogroup I	238	60	74	8	3	13	22	8	11	5	5	29
Norovirus genogroup II	2099	958	195	61	33	115	80	63	60	44	219	271
Sapovirus genogroup unknown	135	95	21	4	-	-	1	5	-	1	1	7
Sapovirus genogroup I	24	16	6	1	-	-	-	1	-	-	-	-
Sapovirus genogroup II	2	1	-	-	-	1	-	-	-	-	-	-
Sapovirus genogroup IV	17	9	4	1	-	-	-	1	-	-	-	2
Sapovirus genogroup V	1	1	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	202	157	21	8	1	2	6	2	-	1	1	3
Adenovirus 1	10	10	-	-	-	-	-	-	-	-	-	-
Adenovirus 2	24	22	1	1	-	-	-	-	-	-	-	-
Adenovirus 3	36	29	6	1	-	-	-	-	-	-	-	-
Adenovirus 5	7	5	1	1	-	-	-	-	-	-	-	-
Adenovirus 6	12	12	-	-	-	-	-	-	-	-	-	-
Adenovirus 7	1	1	-	-	-	-	-	-	-	-	-	-
Adenovirus 8	1	-	1	-	-	-	-	-	-	-	-	-
Adenovirus 19	2	-	-	-	-	-	1	-	1	-	-	-
Adenovirus 31	2	2	-	-	-	-	-	-	-	-	-	-
Adenovirus 34	1	-	1	-	-	-	-	-	-	-	-	-
Adenovirus 37	3	-	1	-	-	1	-	-	-	-	1	-
Adenovirus 40/41	2	2	-	-	-	-	-	-	-	-	-	-
Adenovirus 41	30	29	-	-	-	-	-	-	-	-	-	1
Herpes simplex virus not typed	1	-	-	1	-	-	-	-	-	-	-	-
Herpes simplex virus 1	31	14	4	1	-	6	4	-	1	1	-	-
Herpes simplex virus 2	31	-	1	-	1	8	6	8	5	1	-	1
Varicella-zoster virus	12	7	4	1	-	-	-	-	-	-	-	-
Cytomegalovirus	54	51	1	1	-	-	1	-	-	-	-	-
Human herpes virus 6	177	168	4	3	-	-	-	-	-	-	-	2
Human herpes virus 7	42	38	2	2	-	-	-	-	-	-	-	-
Epstein-Barr virus	91	42	33	12	-	-	-	1	1	-	1	1
Hepatitis A virus	1	-	-	-	-	-	-	-	1	-	-	-
Human papilloma virus	48	-	-	-	1	12	17	10	3	5	-	-
B19 virus	10	4	6	-	-	-	-	-	-	-	-	-
Human bocavirus	39	38	-	-	-	-	-	-	-	-	-	1
Parvovirus	4	2	1	-	-	-	1	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	8	-	-	-	-	-	-	-	3	2	3	-
<i>Rickettsia japonica</i>	1	-	-	-	-	-	-	-	-	-	1	-

* Tabulating PCR & LAMP-positive cases (other methods were not done or negative) separately

XII-3. Age in months of infants
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	AGE IN MONTHS												
	0	1	2	3	4	5	6	7	8	9	10	11	UNKNOWN
TOTAL	29	57	47	49	34	61	58	74	113	106	122	131	24
Enterovirus not typed	5	11	3	1	1	4	4	1	7	7	8	9	1
Coxsackievirus A2	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	-	-	-	1	2	1	-	-	-	1	1	3	-
Coxsackievirus A5	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	-	1	-	-	-	2	-	-	2	2	4	1	-
Coxsackievirus A9	-	1	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus A10	-	-	-	-	-	-	-	1	-	1	1	1	-
Coxsackievirus A16	1	-	1	1	-	-	-	-	2	1	1	1	-
Coxsackievirus B1	-	1	2	-	-	-	-	1	-	-	-	-	-
Coxsackievirus B2	-	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B3	1	-	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B4	2	1	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus B5	4	1	1	2	1	-	-	1	1	-	-	-	-
Echovirus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 5	2	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 9	-	-	-	-	-	-	-	-	1	-	-	-	-
Echovirus 11	-	1	-	-	-	-	-	-	-	-	-	-	-
Echovirus 18	-	-	-	-	-	-	-	-	-	-	-	-	-
Echovirus 30	2	-	1	-	-	-	-	-	-	1	-	-	-
Poliovirus 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Poliovirus 3	-	-	-	-	-	-	-	1	-	-	-	-	-
Enterovirus 71	-	1	1	-	-	-	-	-	-	-	1	-	-
Parechovirus not typed	-	-	-	-	-	-	-	-	-	1	-	-	-
Parechovirus 1	-	-	-	-	-	-	-	-	-	1	-	-	-
Parechovirus 3	-	-	2	-	-	-	-	-	-	-	-	-	-
Rhinovirus	-	3	7	5	3	5	4	2	3	6	5	6	-
Influenza virus A H1 N unknown	-	-	1	2	-	-	-	1	-	-	2	-	-
Influenza virus A H1 N1	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus A H3 N unknown	-	-	-	1	-	-	-	-	-	-	-	-	-
Influenza virus A H3 N2	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenza virus B	-	-	-	-	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	-	-	-	-	-	-	-	1	-	-	-	-	-
Parainfluenza virus 2	-	-	-	-	-	-	-	1	-	-	-	-	-
Parainfluenza virus 3	-	3	-	-	3	2	4	4	1	6	4	4	1
Respiratory syncytial virus	2	16	13	15	9	16	8	8	14	9	14	17	1
Human metapneumovirus	2	1	3	2	-	2	4	3	6	4	2	3	1
Mumps virus	-	-	-	-	-	-	-	1	-	-	-	-	-
Measles virus not typed	-	-	-	-	-	-	-	-	-	-	-	1	-
Measles virus genotype A	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D4	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles virus genotype D5	-	-	-	-	-	-	-	2	1	1	-	3	-
Measles virus genotype H1	-	-	-	-	-	-	-	-	-	1	-	1	-
Rubella virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Dengue virus 4	-	-	-	-	-	-	-	-	-	-	-	-	-
Rotavirus group A	-	4	1	4	2	5	1	-	6	11	7	6	-
Rotavirus group C	-	-	-	-	-	-	-	-	-	-	-	-	-
Astrovirus	-	-	-	-	-	2	2	2	1	-	-	-	-
Norovirus genogroup unknown	-	-	1	1	1	-	5	1	5	5	11	3	-
Norovirus genogroup I	-	-	-	1	-	-	1	-	1	1	3	1	-
Norovirus genogroup II	3	3	2	6	2	10	13	23	26	27	29	37	18
Sapovirus genogroup unknown	-	1	1	-	3	-	-	-	5	2	3	3	-
Sapovirus genogroup I	-	-	-	-	-	-	-	-	1	1	1	-	-
Sapovirus genogroup II	-	-	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	-	-	-	-	-	-	-	-	-	1	-	-	-
Sapovirus genogroup V	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	1	3	2	-	3	4	5	2	4	1	5	4	-
Adenovirus 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 2	-	-	-	-	-	-	-	-	-	1	-	-	-
Adenovirus 3	-	-	-	-	-	1	-	-	5	-	1	-	-
Adenovirus 5	-	-	-	-	-	-	-	-	-	-	-	1	-
Adenovirus 6	-	-	-	-	-	-	-	-	2	-	1	1	-
Adenovirus 7	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 8	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 19	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 31	-	-	-	-	-	1	-	-	-	-	-	-	-
Adenovirus 34	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 37	-	-	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 40/41	-	-	-	-	-	-	-	-	-	1	-	-	-
Adenovirus 41	-	-	-	-	2	1	1	-	2	2	2	1	-
Herpes simplex virus not typed	-	-	-	-	-	-	-	-	-	-	-	-	-
Herpes simplex virus 1	1	1	1	-	-	-	-	-	-	-	2	-	-
Herpes simplex virus 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Varicella-zoster virus	-	-	-	-	-	-	-	-	-	1	-	-	-
Cytomegalovirus	1	2	3	4	2	1	1	4	2	-	2	6	2
Human herpes virus 6	2	2	1	1	-	4	4	7	10	6	9	12	-
Human herpes virus 7	-	-	-	-	-	-	-	1	1	1	1	1	-
Epstein-Barr virus	-	-	-	-	-	-	-	4	1	-	-	1	-
Hepatitis A virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Human papilloma virus	-	-	-	-	-	-	-	-	-	-	-	-	-
B19 virus	-	-	-	-	-	-	-	-	-	-	-	-	-
Human bocavirus	-	-	-	1	-	-	1	2	3	3	2	4	-
Parvovirus	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	-	-	-	-	-	-	-	-	-	-	-	-	-
<i>Rickettsia japonica</i>	-	-	-	-	-	-	-	-	-	-	-	-	-

* Tabulating PCR & LAMP-positive cases (other methods were not done or negative) separately

Table XIII. Detection of viruses from human sources by PCR, by gender of the source case, Japan, 2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	TOTAL	MALE																FEMALE																GENDER UNKNOWN		
		AGE GROUP (AGE IN YEARS)																	AGE GROUP (AGE IN YEARS)																	
		TOTAL	0	5	10	15	20	30	40	50	60	70	UNKNOWN	TOTAL	0	5	10	15	20	30	40	50	60	70	UNKNOWN											
TOTAL	5891	3184	1944	384	156	74	131	108	67	40	41	57	182	2610	1544	300	103	33	90	78	46	51	23	175	167	97										
Enterovirus not typed	217	114	97	10	3	-	-	1	1	-	-	-	-	2	103	85	8	4	-	1	3	-	-	-	-	2										
Coxsackievirus A2	54	32	28	3	1	-	-	-	-	-	-	-	-	-	22	19	1	1	-	-	-	-	-	-	-	1										
Coxsackievirus A4	65	33	27	2	2	-	-	-	-	-	-	-	-	2	31	28	1	2	-	-	-	-	-	-	-	1										
Coxsackievirus A5	12	6	6	-	-	-	-	-	-	-	-	-	-	-	6	4	2	-	-	-	-	-	-	-	-	-										
Coxsackievirus A6	59	38	31	3	1	1	-	1	-	-	-	-	-	1	21	14	5	-	-	1	-	-	-	-	1											
Coxsackievirus A9	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Coxsackievirus A10	30	15	13	1	-	1	-	-	-	-	-	-	-	-	13	10	3	-	-	-	-	-	-	-	-	2										
Coxsackievirus A16	116	75	49	20	2	1	-	-	-	-	-	-	-	3	41	22	11	4	-	1	-	-	-	-	3											
Coxsackievirus B1	5	3	3	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-										
Coxsackievirus B2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Coxsackievirus B3	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Coxsackievirus B4	13	10	8	1	-	-	-	1	-	-	-	-	-	-	3	-	2	1	-	-	-	-	-	-	-	-										
Coxsackievirus B5	20	11	7	3	1	-	-	-	-	-	-	-	-	-	9	6	2	1	-	-	-	-	-	-	-	-										
Echovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Echovirus 5	3	1	-	-	1	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-										
Echovirus 9	4	3	2	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Echovirus 11	4	4	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Echovirus 18	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Echovirus 30	27	18	8	7	3	-	-	-	-	-	-	-	-	-	9	4	4	1	-	-	-	-	-	-	-	-										
Poliovirus 1	4	3	3	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-										
Poliovirus 3	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Enterovirus 71	14	9	8	1	-	-	-	-	-	-	-	-	-	-	5	4	1	-	-	-	-	-	-	-	-	-										
Parechovirus not typed	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Parechovirus 1	2	2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Parechovirus 3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	1										
Rhinovirus	186	111	99	10	-	-	-	-	-	-	-	-	-	2	74	59	9	3	1	-	-	-	-	-	-	2	1									
Influenza virus A H1 N unknown	136	72	16	36	4	-	4	4	1	-	1	2	4	58	21	23	4	-	2	5	2	-	-	-	1	6										
Influenza virus A H1 N1	3	1	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	1	-	-	-	-	-	-	-	-										
Influenza virus A H3 N unknown	84	51	16	4	18	5	2	1	1	2	2	-	-	29	2	3	12	1	3	2	3	1	1	-	1	4										
Influenza virus A H3 N2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-										
Influenza virus B	44	26	5	5	8	-	4	-	1	2	-	-	1	18	2	6	8	-	2	-	-	-	-	-	-	-										
Parainfluenza virus 1	18	10	9	-	-	-	-	-	-	-	-	-	-	1	8	6	-	2	-	-	-	-	-	-	-	-										
Parainfluenza virus 2	16	11	6	2	2	-	-	-	-	-	-	-	-	1	5	4	1	-	-	-	-	-	-	-	-	-										
Parainfluenza virus 3	93	47	43	2	1	-	-	-	-	-	-	-	-	-	42	38	1	1	-	1	-	-	-	-	1	4										
Respiratory syncytial virus	432	230	210	10	4	-	1	1	-	-	-	-	-	4	193	182	4	1	-	1	-	-	1	-	4	9										
Human metapneumovirus	122	61	53	3	2	-	-	-	-	-	-	-	-	3	59	50	5	-	-	-	-	-	-	-	4	2										
Mumps virus	57	35	13	16	3	-	1	1	-	-	-	-	-	1	21	10	9	1	-	-	-	1	-	-	-	1										
Measles virus not typed	44	31	4	1	6	5	13	1	1	-	-	-	-	-	13	2	1	4	3	2	-	-	-	-	1	-										
Measles virus genotype A	8	2	2	-	-	-	-	-	-	-	-	-	-	-	5	4	-	1	-	-	-	-	-	-	-	1										
Measles virus genotype D4	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Measles virus genotype D5	132	81	8	4	16	31	13	9	-	-	-	-	-	-	51	9	4	7	15	12	4	-	-	-	-	-										
Measles virus genotype H1	3	2	2	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Rubella virus	4	2	2	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-										
Dengue virus 1	2	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-										
Dengue virus 2	1	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Dengue virus 3	3	2	-	-	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-										
Dengue virus 4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-										
Rotavirus group A	213	116	104	8	3	-	-	-	-	1	-	-	-	-	92	80	6	1	1	-	1	-	-	-	-	3	5									
Rotavirus group C	5	2	-	1	1	-	-	-	-	-	-	-	-	-	3	-	3	-	-	-	-	-	-	-	-	-										
Astrovirus	39	19	12	2	3	-	-	-	-	-	-	1	1	20	16	2	-	1	-	-	-	1	-	-	-	-										
Norovirus genogroup unknown	193	107	85	10	3	-	2	3	-	1	-	-	3	85	63	12	5	-	2	2	-	-	-	1	-	1										
Norovirus genogroup I	238	121	30	45	5	2	4	8	2	6	3	-	16	115	29	29	3	1	9	14	6	5	2	5	12	2										
Norovirus genogroup II	2099	1052	504	103	39	24	71	51	37	19	28	51	125	1001	431	90	21	9	44	29	26	41	16	168	126	46										
Sapovirus genogroup unknown	135	85	63	12	1	-	1	2	-	1	-	-	5	49	32	9	2	-	-	-	3	-	-	1	2	1										
Sapovirus genogroup I	24	19	13	4	1	-	-	1	-	-	-	-	-	5	3	2	-	-	-	-	-	-	-	-	-	-										
Sapovirus genogroup II	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-										
Sapovirus genogroup IV	17	6	4	2	-	-	-	-	-	-	-	-	-	-	10	5	2	1	-	-	-	1	-	-	-	1	1									
Sapovirus genogroup V	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Adenovirus not typed	202	109	80	14	5	1	2	3	1	-	-	1	2	91	75	7	3	-	-	3	1	-	1	-	1	2										
Adenovirus 1	10	7	7	-	-	-	-	-	-	-	-	-	-	-	3	3	-	-	-	-	-	-	-	-	-	-										
Adenovirus 2	24	14	13	-	1	-	-	-	-	-	-	-	-	-	10	9	1	-	-	-	-	-	-	-	-	-										
Adenovirus 3	36	17	13	3	1	-	-	-	-	-	-	-	-	-	19	16	3	-	-	-	-	-	-	-	-	-										
Adenovirus 5	7	6	4	1	1	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Adenovirus 6	12	5	5	-	-	-	-	-	-	-	-	-	-	-	7	7	-	-	-	-	-	-	-	-	-	-										
Adenovirus 7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Adenovirus 8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-										
Adenovirus 19	2	1	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-										
Adenovirus 31	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	-	-	-										
Adenovirus 34	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-										
Adenovirus 37	3	3	-	1	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Adenovirus 40/41	2	1	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-										
Adenovirus 41	30	16	15	-	-	-																														

Table XIV. Detection of viruses from human sources by PCR, by source of specimens, Japan, 2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	NUMBER OF CASES	STOOL	SPUTUM/TRACHEAL ASPIRATES	NASOPHARYNGEAL	EYE SWAB	BLOOD	CEREBROSPINAL FLUID	URINE	CENTESIS FLUID	SKIN/VESICLE	GENITAL	VOMIT	OTHERS
T O T A L	5891	3176	86	2394	18	37	124	17	1	19	50	27	21
Enterovirus not typed	217	34	-	164	2	1	23	3	-	-	-	-	-
Coxsackievirus A2	54	7	1	46	-	-	-	-	-	-	-	-	-
Coxsackievirus A4	65	16	-	50	-	-	1	-	-	1	-	-	-
Coxsackievirus A5	12	-	-	12	-	-	-	-	-	-	-	-	-
Coxsackievirus A6	59	2	-	57	-	-	-	-	-	-	-	-	-
Coxsackievirus A9	2	2	-	1	-	-	-	-	-	-	-	-	-
Coxsackievirus A10	30	1	-	29	-	1	-	-	-	-	-	-	-
Coxsackievirus A16	116	14	-	96	-	-	9	2	-	1	-	-	-
Coxsackievirus B1	5	2	-	1	-	-	3	-	-	-	-	-	-
Coxsackievirus B2	1	1	-	-	-	-	-	-	-	-	-	-	-
Coxsackievirus B3	1	1	-	-	-	-	1	-	-	-	-	-	-
Coxsackievirus B4	13	3	-	8	-	-	2	-	-	-	-	-	-
Coxsackievirus B5	20	7	-	8	-	-	11	-	-	-	-	-	-
Echovirus not typed	1	-	-	1	-	-	-	-	-	-	-	-	-
Echovirus 5	3	2	-	2	-	-	1	-	-	-	-	-	-
Echovirus 9	4	1	-	2	-	-	1	-	-	-	-	-	-
Echovirus 11	4	2	-	2	-	-	2	-	-	-	-	-	-
Echovirus 18	1	-	-	-	-	-	1	-	-	-	-	-	-
Echovirus 30	27	6	-	11	-	-	16	-	-	-	-	-	-
Poliovirus 1	4	1	-	3	-	-	-	-	-	-	-	-	-
Poliovirus 3	2	2	-	-	-	-	-	-	-	-	-	-	-
Enterovirus 71	14	3	-	11	-	-	-	-	-	-	-	-	-
Parechovirus not typed	1	1	-	-	-	-	-	-	-	-	-	-	-
Parechovirus 1	2	-	-	2	-	-	-	-	-	-	-	-	-
Parechovirus 3	2	2	-	1	-	-	-	-	-	-	-	-	-
Rhinovirus	186	7	5	175	-	-	-	-	-	-	-	-	-
Influenza virus A H1 N unknown	136	-	1	134	-	-	1	-	-	-	-	-	-
Influenza virus A H1 N1	3	-	-	3	-	-	-	-	-	-	-	-	-
Influenza virus A H3 N unknown	84	-	-	84	-	-	-	-	-	-	-	-	-
Influenza virus A H3 N2	1	-	-	1	-	-	-	-	-	-	-	-	-
Influenza virus B	44	-	1	43	-	-	-	-	-	-	-	-	-
Parainfluenza virus 1	18	-	4	14	-	-	-	-	-	-	-	-	-
Parainfluenza virus 2	16	-	1	15	-	-	-	-	-	-	-	-	-
Parainfluenza virus 3	93	1	30	63	-	-	2	-	-	-	-	-	-
Respiratory syncytial virus	432	1	23	408	-	-	1	-	-	-	-	-	-
Human metapneumovirus	122	-	8	114	-	-	-	-	-	-	-	-	-
Mumps virus	57	1	-	45	-	1	13	1	-	-	-	-	-
Measles virus not typed	44	1	-	40	-	4	-	-	-	-	-	-	-
Measles virus genotype A	8	-	-	8	-	-	-	-	-	-	-	-	-
Measles virus genotype D4	1	-	-	1	-	1	-	-	-	-	-	-	-
Measles virus genotype D5	132	-	-	131	-	5	-	-	-	-	-	-	-
Measles virus genotype H1	3	-	-	3	-	1	-	-	-	-	-	-	-
Rubella virus	4	1	-	3	-	1	-	1	-	-	-	-	-
Dengue virus 1	2	-	-	-	-	2	-	-	-	-	-	-	-
Dengue virus 2	1	-	-	-	-	1	-	-	-	-	-	-	-
Dengue virus 3	3	-	-	-	-	3	-	-	-	-	-	-	-
Dengue virus 4	1	-	-	-	-	1	-	-	-	-	-	-	-
Rotavirus group A	213	212	-	-	-	-	-	-	-	-	-	-	1
Rotavirus group C	5	5	-	-	-	-	-	-	-	-	-	-	-
Astrovirus	39	39	-	-	-	-	-	-	-	-	-	-	-
Norovirus genogroup unknown	193	189	-	-	-	-	-	-	-	-	-	-	4
Norovirus genogroup I	238	234	-	-	-	-	-	-	-	-	-	-	4
Norovirus genogroup II	2099	2084	-	-	-	1	-	-	-	-	-	-	16
Sapovirus genogroup unknown	135	135	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup I	24	24	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup II	2	2	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup IV	17	17	-	-	-	-	-	-	-	-	-	-	-
Sapovirus genogroup V	1	1	-	-	-	-	-	-	-	-	-	-	-
Adenovirus not typed	202	38	-	150	10	2	1	1	-	1	-	-	-
Adenovirus 1	10	5	-	5	-	-	-	-	-	-	-	-	-
Adenovirus 2	24	5	-	17	-	-	-	-	-	-	-	-	2
Adenovirus 3	36	9	-	28	-	-	-	-	-	-	-	-	-
Adenovirus 5	7	4	-	3	-	-	-	-	-	-	-	-	-
Adenovirus 6	12	8	-	5	-	-	-	-	-	-	-	-	-
Adenovirus 7	1	-	-	1	-	-	-	-	-	-	-	-	-
Adenovirus 8	1	-	-	1	-	-	-	-	-	-	-	-	-
Adenovirus 19	2	-	-	-	2	-	-	-	-	-	-	-	-
Adenovirus 31	2	2	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 34	1	-	-	-	-	-	1	-	-	-	-	-	-
Adenovirus 37	3	-	-	1	2	-	-	-	-	-	-	-	-
Adenovirus 40/41	2	2	-	-	-	-	-	-	-	-	-	-	-
Adenovirus 41	30	29	-	-	-	-	1	-	-	-	-	-	-
Herpes simplex virus not typed	1	1	-	-	-	-	-	-	-	-	-	-	-
Herpes simplex virus 1	31	1	-	15	1	3	1	1	-	6	7	-	-
Herpes simplex virus 2	31	-	-	1	-	2	7	-	-	5	16	-	-
Varicella-zoster virus	12	-	-	5	-	1	1	-	-	5	-	-	-
Cytomegalovirus	54	1	-	47	-	1	-	5	-	-	-	-	-
Human herpes virus 6	177	4	1	152	-	4	21	-	-	-	-	-	-
Human herpes virus 7	42	2	-	42	-	1	1	-	-	-	-	-	-
Epstein-Barr virus	91	-	-	87	1	-	3	1	1	-	-	-	-
Hepatitis A virus	1	1	-	-	-	-	-	-	-	-	-	-	-
Human papilloma virus	48	-	-	-	-	-	-	-	-	-	27	-	21
B19 virus	10	-	-	10	-	-	-	-	-	-	-	-	-
Human bocavirus	39	-	11	28	-	-	-	-	-	-	-	-	-
Parvovirus	4	-	-	4	-	-	-	-	-	-	-	-	-
<i>Orientia tsutsugamushi</i>	8	-	-	-	-	6	-	-	-	4	-	-	-
<i>Rickettsia japonica</i>	1	-	-	-	-	-	-	-	-	1	-	-	-

* Tabulating PCR & LAMP-positive cases (other methods were not done or negative) separately
Including cases from which the same virus was detected from multiple specimens.

Table XV. Detection of viruses from human sources by PCR, by clinical diagnosis of the source case, Japan, 2008
-Prefectural and municipal public health institutes

	Based on the data received before August 3, 2010																												
	TOTAL	ACUTE POLIOMYELITIS	HEPATITIS A	SCRUB TYPHUS	DENGUE FEVER	JAPANESE SPOTTED FEVER	ACUTE ENCEPHALITIS	MEASLES	INFLUENZA	RESPIRATORY SYNCYTIAL VIRUS INFECTION	PHARYNGOCONJUNCTIVAL FEVER	INFECTIOUS GASTROENTERITIS	CHICKENPOX	H-F-AND-M DISEASE	ERYTHEMA INFECTIOSUM	EXANTHEM SUBITUM	PERTUSSIS	HERPANGINA	MUMPS	EPIDEMIC KERATOCONJUNCTIVITIS	BACTERIAL MENINGITIS	ASEPTIC MENINGITIS	MYCOPLASMA PNEUMONIA	GENITAL HERPES	CONDYLOMA ACUMINATUM	FOOD POISONING	OTHER	NO DATA	
TOTAL	5891	1	1	-	7	-	15	178	243	138	57	2623	12	162	11	65	6	206	86	12	1	105	3	31	41	220	1598	69	
Enterovirus not typed	217	-	-	-	-	-	-	-	5	3	3	23	1	16	-	1	1	8	3	1	-	16	-	-	-	-	135	1	
Coxsackievirus A2	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49	-	-	-	-	-	-	-	-	5	-	
Coxsackievirus A4	65	-	-	-	-	2	-	-	-	-	-	1	-	5	-	-	-	46	-	-	1	-	-	-	-	-	10	-	
Coxsackievirus A5	12	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	9	-	-	-	-	-	-	-	-	2	-	
Coxsackievirus A6	59	-	-	-	-	-	-	-	-	1	2	-	-	7	-	1	-	29	-	-	-	-	-	-	-	-	19	-	
Coxsackievirus A9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Coxsackievirus A10	30	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	21	-	-	-	-	-	-	-	-	5	-	
Coxsackievirus A16	116	-	-	-	-	-	-	-	-	-	-	1	-	91	-	-	-	9	-	-	-	5	-	-	-	-	9	1	
Coxsackievirus B1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	-	-	-	1	-	
Coxsackievirus B2	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Coxsackievirus B3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Coxsackievirus B4	13	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	5	-	-	3	-	-	-	-	-	2	1	
Coxsackievirus B5	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	11	-	-	-	-	-	6	1	
Echovirus not typed	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Echovirus 5	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	-	-	
Echovirus 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	
Echovirus 11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	
Echovirus 18	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	
Echovirus 30	27	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2	-	-	21	-	-	-	-	-	2	-	
Poliovirus 1	4	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Poliovirus 3	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Enterovirus 71	14	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	1	-	-	1	-	-	-	-	-	5	-	
Parechovirus not typed	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Parechovirus 1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Parechovirus 3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Rhinovirus	186	-	-	-	-	3	-	3	5	3	4	1	12	1	-	1	6	4	-	-	1	2	-	-	-	-	133	7	
Influenza virus A H1 N unknown	136	-	-	-	-	-	-	97	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	35	2	
Influenza virus A H1 N1	3	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Influenza virus A H3 N unknown	84	-	-	-	-	-	-	73	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	
Influenza virus A H3 N2	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Influenza virus B	44	-	-	-	-	-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	
Parainfluenza virus 1	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	
Parainfluenza virus 2	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	
Parainfluenza virus 3	93	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	89	-	
Respiratory syncytial virus	432	-	-	-	-	1	-	12	114	19	2	-	2	-	-	1	-	1	-	-	1	1	-	-	-	-	278	1	
Human metapneumovirus	122	-	-	-	-	-	-	1	4	8	1	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	104	1	
Mumps virus	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	-	11	-	-	-	-	-	8	1	
Measles virus not typed	44	-	-	-	-	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	
Measles virus genotype A	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	
Measles virus genotype D4	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Measles virus genotype D5	132	-	-	-	-	-	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	
Measles virus genotype H1	3	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubella virus	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	
Dengue virus 1	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dengue virus 2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dengue virus 3	3	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dengue virus 4	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rotavirus group A	213	-	-	-	-	1	-	-	-	-	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	
Rotavirus group C	5	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Astrovirus	39	-	-	-	-	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Norovirus genogroup unknown	193	-	-	-	-	-	-	-	1	-	189	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	
Norovirus genogroup I	238	-	-	-	-	-	-	-	-	-	191	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	30	
Norovirus genogroup II	2099	-	-	-	-	-	-	-	-	-	1691	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	201	184	23
Sapovirus genogroup unknown	135	-	-	-	-	-	-	-	-	-	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	
Sapovirus genogroup I	24	-	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Sapovirus genogroup II	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sapovirus genogroup IV	17	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sapovirus genogroup V	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Adenovirus not typed	202	-	-	-	-	-	2	3	5	34	1	6	-	2	2	2	14	10	-	3	-	-	-	-	-	-	118	-	
Adenovirus 1	10	-	-	-	-	-	-	-	1	4	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	2		

Table XVIII. Detection of viruses from human sources by PCR, by year, Japan, 2003 -2008
-Prefectural and municipal public health institutes

Based on the data received before August 3, 2010

	2003	2004	2005	2006	2007	2008
T O T A L	2051	2694	4477	6728	5253	5891
Enterovirus not typed	-	-	-	107	69	217
Coxsackievirus A not typed	-	21	-	-	-	-
Coxsackievirus A2	1	8	-	11	10	54
Coxsackievirus A3	-	-	-	1	1	-
Coxsackievirus A4	3	67	1	94	-	65
Coxsackievirus A5	-	-	8	17	29	12
Coxsackievirus A6	4	2	92	1	83	59
Coxsackievirus A9	3	1	3	7	-	2
Coxsackievirus A10	3	1	41	4	27	30
Coxsackievirus A12	3	1	-	-	-	-
Coxsackievirus A14	-	-	1	-	-	-
Coxsackievirus A16	8	11	24	23	98	116
Coxsackievirus A21	-	-	-	1	-	-
Coxsackievirus B not typed	-	2	-	-	-	-
Coxsackievirus B1	1	8	-	-	1	5
Coxsackievirus B2	-	2	-	3	-	1
Coxsackievirus B3	-	2	-	-	-	1
Coxsackievirus B4	-	2	-	-	1	13
Coxsackievirus B5	-	2	1	2	10	20
Echovirus not typed	-	11	2	-	2	1
Echovirus 2	-	1	-	-	-	-
Echovirus 5	-	-	-	-	3	3
Echovirus 6	9	4	-	-	1	-
Echovirus 7	3	1	-	-	-	-
Echovirus 9	-	4	5	4	-	4
Echovirus 11	-	6	1	-	3	4
Echovirus 13	2	2	2	-	-	-
Echovirus 16	-	2	-	-	-	-
Echovirus 18	4	11	-	44	5	1
Echovirus 25	-	1	1	-	2	-
Echovirus 27	1	1	-	-	-	-
Echovirus 30	24	8	4	4	19	27
Echovirus 33	-	-	-	-	1	-
Poliovirus not typed	-	-	2	-	-	-
Poliovirus 1	-	3	6	5	3	4
Poliovirus 2	-	-	3	3	3	-
Poliovirus 3	-	2	-	1	1	2
Enterovirus 68	-	-	2	1	6	-
Enterovirus 71	31	6	12	25	18	14
Parechovirus not typed	-	-	-	3	-	1
Parechovirus 1	-	3	5	-	-	2
Parechovirus 3	-	-	-	-	1	2
Rhinovirus	4	27	69	106	95	186
Aichivirus	-	1	-	-	-	-
Influenza virus A H1 N unknown	-	-	-	21	111	136
Influenza virus A H1 N1	-	-	6	1	1	3
Influenza virus A H3 N unknown	28	38	35	22	106	84
Influenza virus A H3 N2	-	-	-	-	-	1
Influenza virus B	19	2	40	9	50	44
Influenza virus C	-	4	-	9	-	-
Parainfluenza virus not typed	-	-	2	-	3	-
Parainfluenza virus 1	7	-	9	-	35	18
Parainfluenza virus 2	2	2	-	-	2	16
Parainfluenza virus 3	17	-	10	24	29	93
Respiratory syncytial virus	12	69	116	146	217	432
Human metapneumovirus	83	41	81	224	179	122
Mumps virus	8	28	111	55	17	57
Measles virus not typed	40	7	2	7	75	44
Measles virus genotype A	-	-	-	4	14	8
Measles virus genotype D4	-	-	-	-	-	1
Measles virus genotype D5	-	-	-	19	230	132
Measles virus genotype H1	12	-	-	3	1	3
Rubella virus	1	14	2	5	2	4
Japanese encephalitis virus	1	-	1	-	-	-
Dengue virus not typed	-	-	-	-	1	-
Dengue virus 1	2	3	-	-	1	2
Dengue virus 2	-	1	-	-	2	1
Dengue virus 3	-	-	-	4	2	3
Dengue virus 4	-	-	-	1	1	1

Table XVIII.-Continued

	2003	2004	2005	2006	2007	2008
Rotavirus group A not typed	8	4	13	17	19	65
Rotavirus group A G1	2	2	30	82	38	19
Rotavirus group A G2	-	-	1	1	31	1
Rotavirus group A G3	20	50	31	28	37	35
Rotavirus group A G4	3	-	1	-	-	-
Rotavirus group A G8	-	-	-	1	-	-
Rotavirus group A G9	4	-	-	74	33	93
Rotavirus group C	1	1	6	38	-	5
Astrovirus not typed	13	6	6	15	19	31
Astrovirus 1	-	-	5	4	31	6
Astrovirus 3	-	-	2	-	-	-
Astrovirus 4	-	-	2	6	-	-
Astrovirus 5	-	-	-	-	4	-
Astrovirus 8	-	-	-	-	-	2
Small round structured virus	1	-	-	-	-	-
Norovirus genogroup unknown	207	248	189	257	101	193
Norovirus GI not typed	93	119	214	171	57	169
Norovirus GI/1	-	-	-	2	1	4
Norovirus GI/2	-	-	-	2	-	-
Norovirus GI/3	-	-	-	3	3	2
Norovirus GI/4	-	-	-	11	36	47
Norovirus GI/7	-	-	-	1	2	-
Norovirus GI/8	-	-	-	13	5	16
Norovirus GI/12	-	-	-	-	1	-
Norovirus GI/14	-	-	-	2	2	-
Norovirus GII not typed	989	1379	2686	3426	1744	1583
Norovirus GII/1	-	-	-	3	-	2
Norovirus GII/2	-	-	-	10	6	36
Norovirus GII/3	-	-	11	12	54	40
Norovirus GII/4	-	-	-	866	605	381
Norovirus GII/5	-	-	-	-	-	1
Norovirus GII/6	-	-	-	28	1	26
Norovirus GII/7	-	-	4	7	1	-
Norovirus GII/8	-	-	-	3	-	-
Norovirus GII/9	-	-	-	5	-	1
Norovirus GII/12	-	-	-	-	-	1
Norovirus GII/13	-	-	-	5	55	27
Norovirus GII/16	-	-	-	-	-	1
Sapovirus genogroup unknown	49	39	85	76	146	135
Sapovirus genogroup I	-	-	-	1	7	24
Sapovirus genogroup II	-	-	-	3	-	2
Sapovirus genogroup IV	-	-	-	1	92	17
Sapovirus genogroup V	-	-	-	1	-	1
Adenovirus not typed	88	133	177	106	130	202
Adenovirus 1	8	24	8	10	12	10
Adenovirus 2	-	18	3	4	24	24
Adenovirus 3	7	51	23	47	15	36
Adenovirus 4	-	1	-	2	-	-
Adenovirus 5	-	5	-	5	2	7
Adenovirus 6	-	-	1	3	4	12
Adenovirus 7	-	-	-	1	1	1
Adenovirus 8	-	12	62	18	3	1
Adenovirus 11	-	2	-	1	1	-
Adenovirus 19	2	-	-	-	-	2
Adenovirus 22	-	-	1	-	-	-
Adenovirus 31	-	-	-	1	3	2
Adenovirus 34	-	-	-	-	-	1
Adenovirus 37	10	3	3	5	5	3
Adenovirus 40/41	-	-	-	1	2	2
Adenovirus 40	-	-	-	1	-	-
Adenovirus 41	3	22	14	20	18	30
Herpes simplex virus not typed	10	4	18	13	11	1
Herpes simplex virus 1	-	1	4	-	7	31
Herpes simplex virus 2	1	1	-	1	6	31
Varicella-zoster virus	8	4	6	16	18	12
Cytomegalovirus	33	7	26	37	34	54
Human herpes virus 6	93	80	80	133	143	177
Human herpes virus 7	16	12	14	28	25	42
Epstein-Barr virus	30	22	35	34	67	91
Hepatitis A virus	-	1	-	20	-	1
Hepatitis C virus	-	-	-	1	-	-
Hepatitis E virus	-	-	4	1	-	-
Human papilloma virus	-	-	-	-	6	48
B19 virus	15	9	12	23	13	10
Human bocavirus	-	-	-	-	1	39
Parvovirus	-	-	-	-	-	4
Human immunodeficiency virus	1	1	-	-	-	-
<i>Chlamydia trachomatis</i>	8	-	1	-	-	-
<i>Chlamydia pneumoniae</i>	-	1	-	-	-	-
<i>Orientia tsutsugamushi</i>	1	1	23	10	25	8
<i>Rickettsia japonica</i>	-	-	1	1	4	1

* Tabulating PCR & LAMP-positive cases (other methods were not done or negative) separately